



2005 Missouri State Highway System

Traffic Crashes Statistics

Missouri Department of Transportation

Missouri State Highway System
Traffic Accident Statistics
Table of Contents

Subject

Chapter 1:	Statewide Traffic Accident Statistics, Introduction
A.	Accidents by Type
B.	Accidents by Contributing Circumstances
C.	Accidents by Population Grouping
D.	Accidents by Route Marking
F.	Accidents by Driver's Age
G.	Accidents by Hour, Day and Month
H.	Accidents by Weather Condition
I.	Accidents by Vehicle Type
J.	Accidents by Light Condition
K.	Accidents by Fixed Object Struck
L.	Accidents by Intersection Type
M.	Accidents Involving Pedestrians
N.	Accidents by Investigator

Chapter 1

2005 STATEWIDE TRAFFIC ACCIDENT STATISTICS

The following summary of traffic accidents represents only those accidents that have occurred on the State Highway System of Missouri in 2005. The information contained in this publication is a summary of the accident reports provided to the Missouri Department of Transportation. This publication is possible only through the conscientious reporting efforts of Missouri Law Enforcement Agencies.

These statistics are compiled pursuant to federal law, 23 USC Section 152.

Chapter 1-A : ACCIDENTS BY TYPE

This section divides total 2005 accidents by the type of impact severity. It further distinguishes the types by indicating whether they occurred “ON” or “OFF” the roadway.



Missouri Department of Transportation Transportation Planning 2005 Accidents by Type

Date: 08/31/2006

Accident Type	Fatal Accidents	Total Fatalities	Injury Accidents	Total Injuries	PDO Accidents	Total Accidents
ACCIDENT TYPE OFF ROAD						
RAN OFF ROAD	4	6	113	228	219	336
RAN OFF ROAD-ANIMAL OTHER THAN DEER	0	0	1	1	1	2
RAN OFF ROAD-BICYCLIST OR PEDALCYCLIST	0	0	0	0	11	11
RAN OFF ROAD-DEER	0	0	2	3	5	7
RAN OFF ROAD-FIXED OBJECT	306	329	6,775	8901	10,187	17,268
RAN OFF ROAD-MOTOR VEHICLE IN TRAFFIC	0	0	0	0	0	0
RAN OFF ROAD-OTHER OBJECT	0	0	35	48	90	125
RAN OFF ROAD-OTHER/NONCOLLISION	0	0	54	65	172	226
RAN OFF ROAD-OVERTURNED ON ROADWAY	0	0	0	0	0	0
RAN OFF ROAD-OVERTURNING	70	79	1,033	1489	691	1,794
RAN OFF ROAD-PARKED MOTOR VEHICLE	14	18	138	214	596	748
RAN OFF ROAD-PEDESTRIAN	5	6	30	41	1	36
RAN OFF ROAD-RAILROAD TRAIN	0	0	0	0	2	2
Subtotal	399	438	8,181	10,990	11,975	20,555
ACCIDENT TYPE ON ROAD						
ANIMAL OTHER THAN DEER	0	0	124	150	601	725
BICYCLIST OR PEDALCYCLIST	0	0	17	17	116	133
CHAIN REACTION REAR END	15	20	2,154	3954	3,014	5,183
DEER	4	4	246	284	2,643	2,893
FIXED OBJECT	13	13	232	296	613	858
MOTOR VEHICLE IN TRAFFIC	316	376	13,578	21574	43,010	56,904
OTHER NON - COLLISION	2	2	129	173	523	654
OTHER OBJECT	0	0	90	123	927	1,017
OVERTURNED ON ROADWAY	26	27	550	715	285	861
OVERTURNING	0	0	0	0	0	0
PARKED MOTOR VEHICLE	0	0	19	33	86	105
PEDESTRIAN	56	56	235	260	16	307
RAILROAD TRAIN	2	2	3	4	4	9
RAN OFF ROAD-MOTOR VEHICLE ON OTHER ROAD	19	35	67	177	130	216
Subtotal	453	535	17,444	27,760	51,968	69,865
Totals	852	973	25,625	38750	63,943	90,420

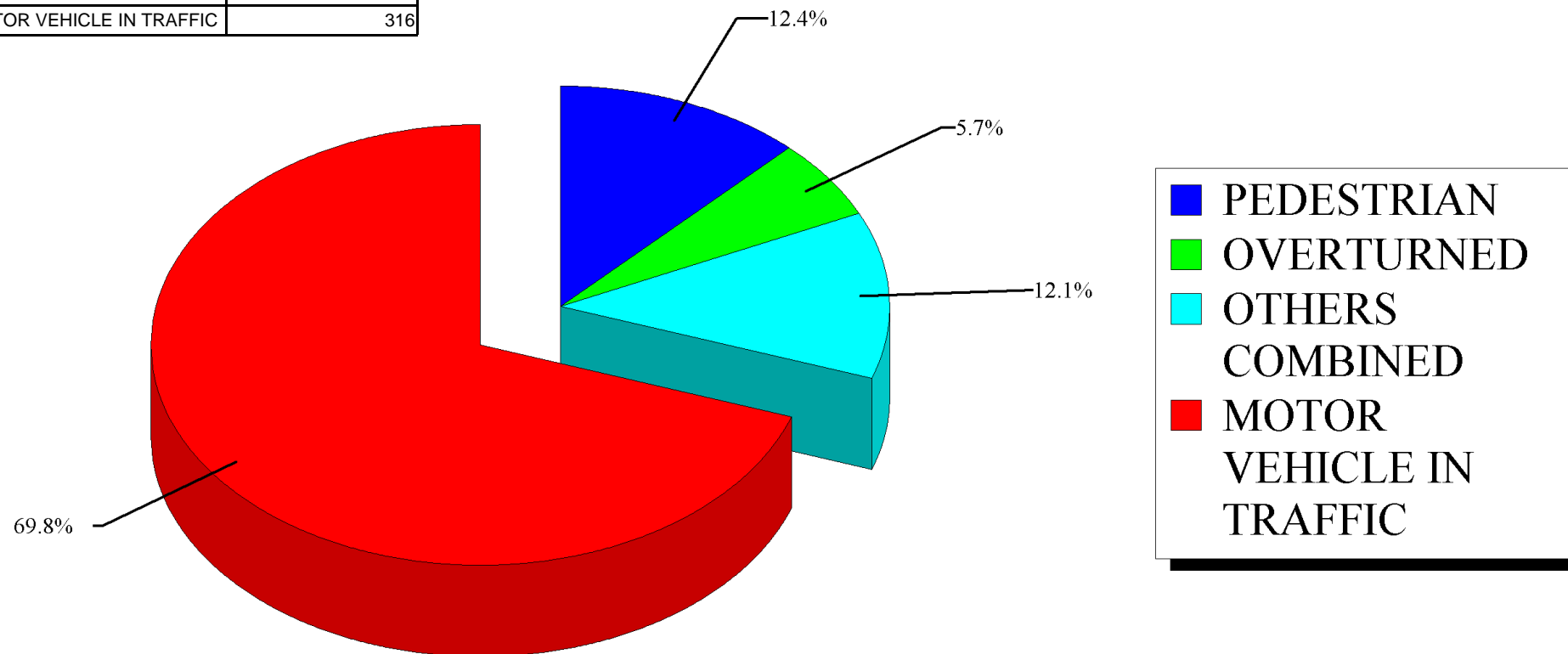


Missouri Department of Transportation
Transportation Planning

Date: 08/31/2006

2005 Accidents by Type
453 Fatal Accidents 'ON' Roadway

Accident Type	Fatal Accidents
PEDESTRIAN	56
OVERTURNED	26
OTHERS COMBINED	55
MOTOR VEHICLE IN TRAFFIC	316



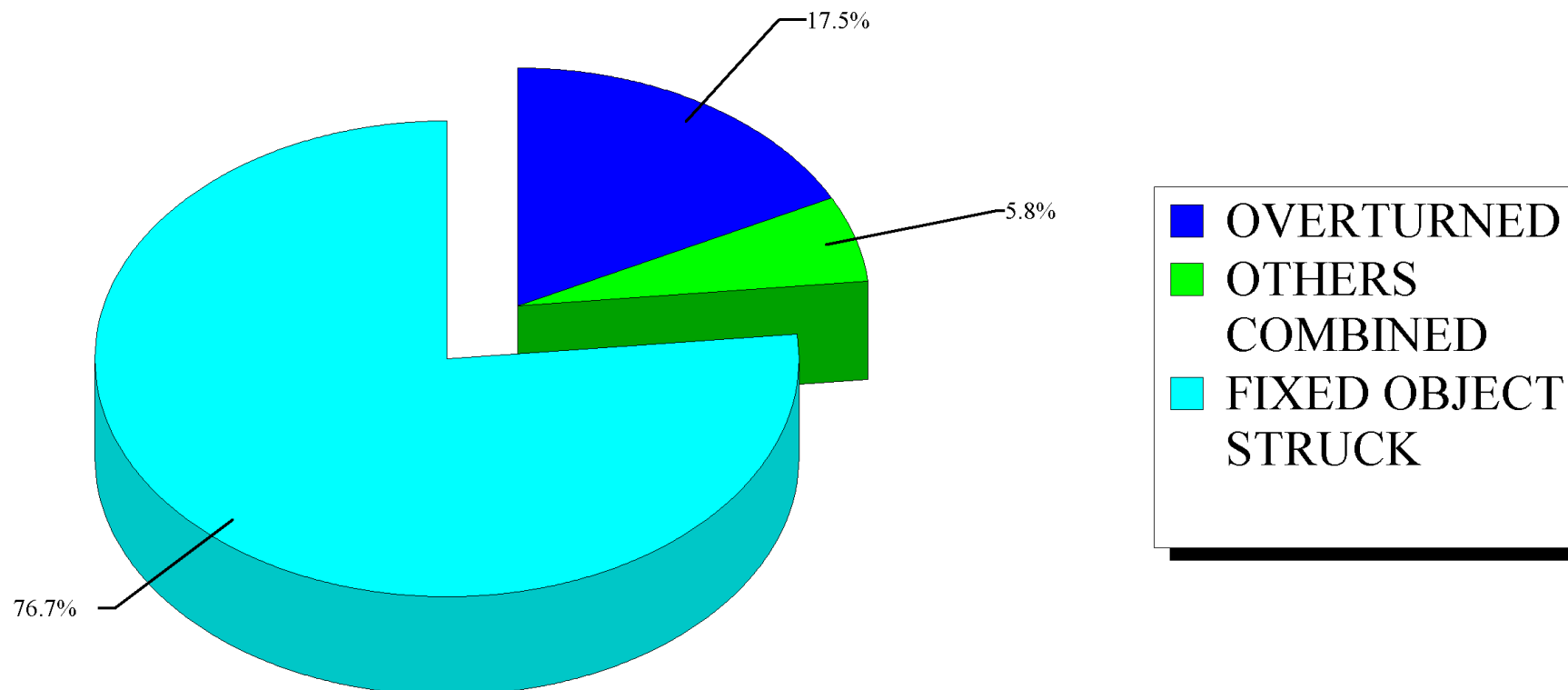


Missouri Department of Transportation
Transportation Planning

Date: 08/31/2006

2005 Accidents by Type
399 Fatal Accidents 'OFF' Roadway

Accident Type	Fatal Accidents
OVERTURNED	70
OTHERS COMBINED	23
FIXED OBJECT STRUCK	306



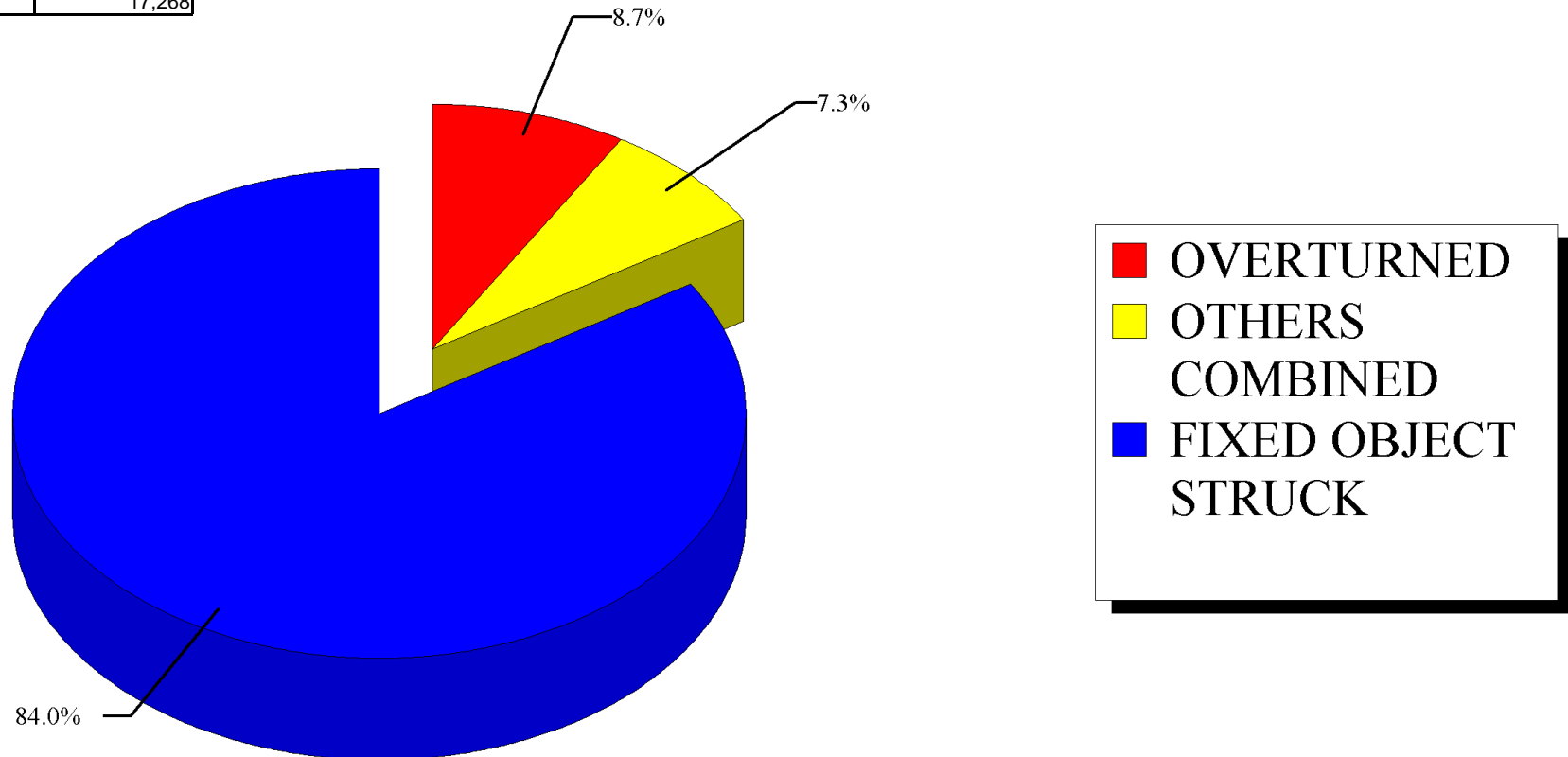


Missouri Department of Transportation Transportation Planning

Date: 08/31/2006

2005 Accidents by Type 20,555 Total Accidents "OFF" Roadway

ACCIDENT TYPE	Total Accidents
OVERTURNED	1,794
OTHERS COMBINED	1,493
FIXED OBJECT STRUCK	17,268



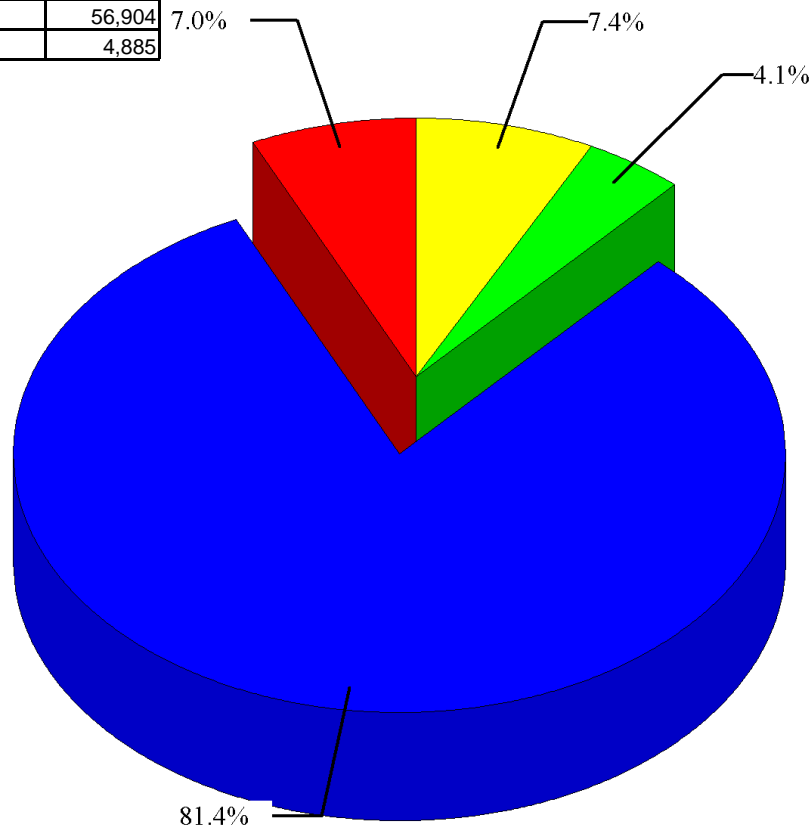


Missouri Department of Transportation
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Date: 08/31/2006

2005 Accidents by Type
69,865 Total Accidents "ON" Roadway

ACCIDENT TYPE	Total Accidents
CHAIN REACTION REAR END	5,183
DEER	2,893
MOTOR VEHICLE IN TRAFFIC	56,904
OTHERS COMBINED	4,885



- CHAIN REACTION REAR END
- DEER
- MOTOR VEHICLE IN TRAFFIC
- OTHERS COMBINED

Chapter 1-B : ACCIDENTS BY CONTRIBUTING CIRCUMSTANCES

This section deals with the circumstances that contributed to accidents in 2005. The total number of reported accidents is somewhat less than the total number of contributing circumstances and the number of drivers because each accident could involve one or more drivers and one or more contributing circumstance.



**Missouri Department of Transportation
Transportation Planning
2005 Accidents by Contributing Circumstance**

Date: 08/31/2006

Contributing Circumstance	Fatal Accidents	Injury Accidents	PDO Accidents	Total Accidents
ACCIDENT AHEAD	18	419	1,007	1,444
CONGESTION AHEAD	23	3,000	8,387	11,410
DRINKING	153	2,090	1,854	4,097
DRUGS	17	227	220	464
FAILURE TO YIELD RT OF WAY	79	4,293	8,946	13,318
FOLLOWING TOO CLOSELY	13	4,313	13,549	17,875
IMPROPER BACKING	0	46	863	909
IMPROPER LANE USE-CHANGES	176	2,523	6,636	9,335
IMPROPER PARKED	0	15	29	44
IMPROPER PASSING	35	354	995	1,384
IMPROPER SIGNAL	0	56	159	215
IMPROPER START-PARKING	1	35	101	137
IMPROPER STOPPED	1	129	300	430
IMPROPER TURN	10	565	1,788	2,363
INATTENTION	201	7,381	17,680	25,262
MORE STATED LATER IN RECORD	0	0	0	0
NONE-DRIVER OR PEDESTRIAN	0	0	0	0
NOT STATED OR UNKNOWN	406	14,188	42,682	57,276
PHYSICAL IMPAIRED	58	1,093	950	2,101
SPEED-EXCEEDED LIMIT	115	744	745	1,604
TOO FAST FOR CONDITIONS	202	5,292	9,386	14,880
TRAFFIC CONTROL INOPER/MISSING	1	16	32	49
VEHICLE DEFECTS	16	712	2,282	3,010
VIOLATION-SIGNAL/SIGN	27	1,170	1,717	2,914
WRONG SIDE	154	887	798	1,839
WRONG WAY	17	42	54	113
Totals	1,723	49,590	121,160	172,473

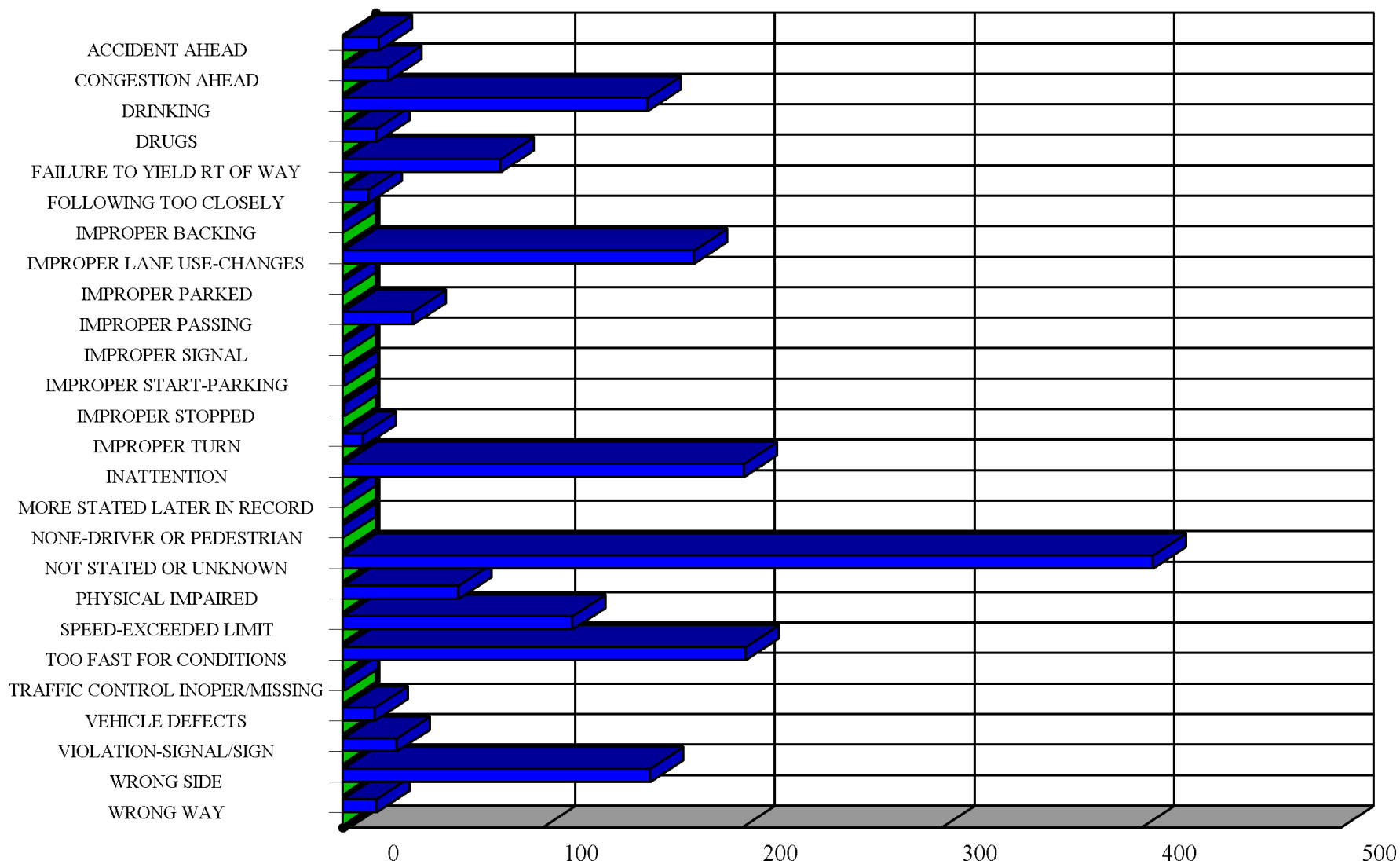
IN ACCIDENTS	852	25,625	63,943	90,420
FOR DRIVERS	1,334	45,507	114,992	161,833



Missouri Department of Transportation Transportation Planning

Date: 08/31/2006

Fatal Accidents by Contributing Circumstances 1334 Drivers involved in 852 Fatal Accidents

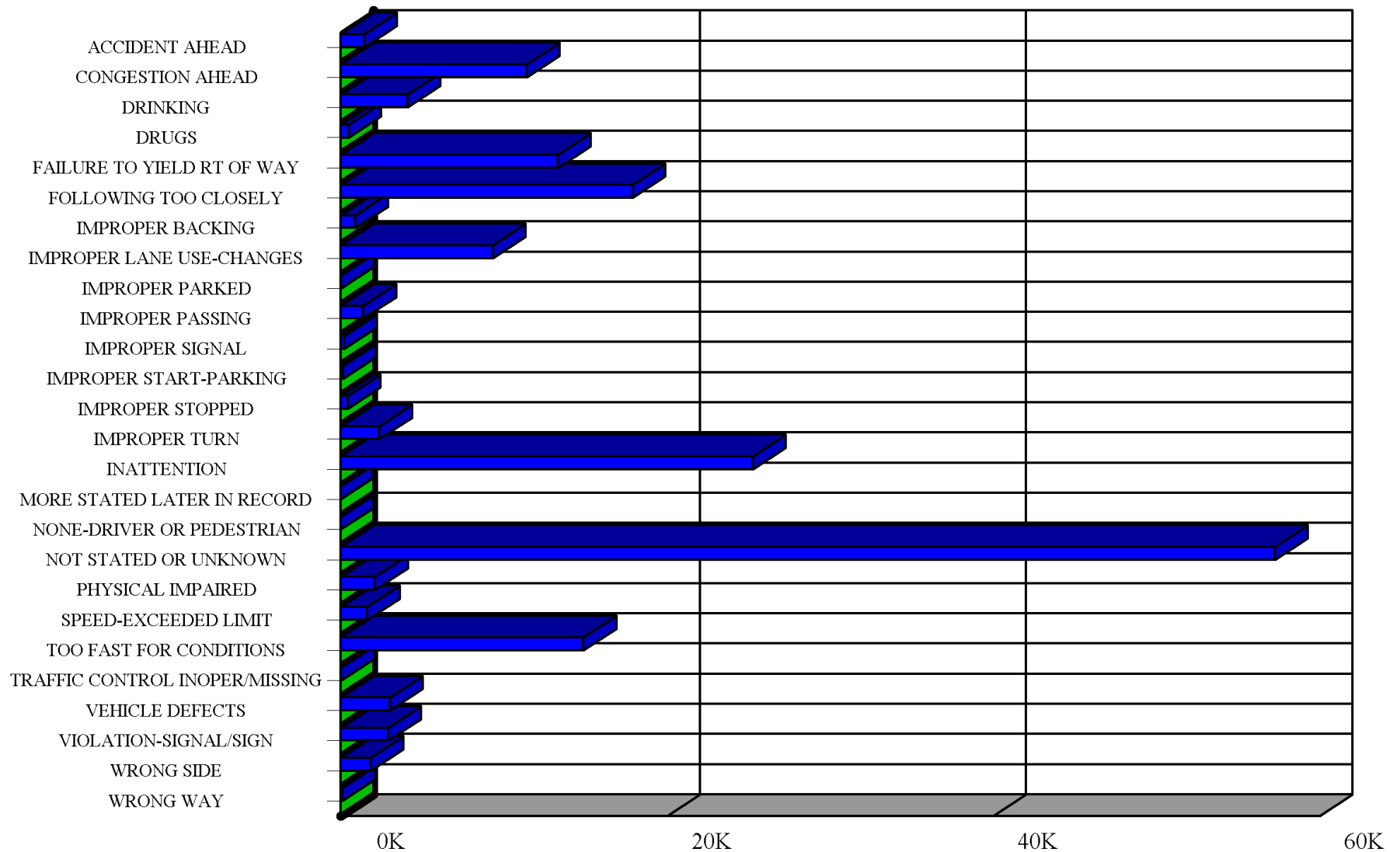




Missouri Department of Transportation Transportation Planning

Date: 08/31/2006

Total Accidents by Contributing Circumstances 161833 Drivers involved in 90420 Total Accidents



Chapter 1-C : ACCIDENTS BY POPULATION GROUPING

In this section, accidents are grouped according to the population characteristics of their location. Four (4) categories are used: rural, urban (population 5,000 to 49,999), urbanized (population 50,000 to 199,999) and metropolitan (population 200,000 or greater).

Currently, all metropolitan accidents have been included in the urbanized grouping.



Missouri Department of Transportation
Transportation Planning
2005 Accidents by Population Grouping

Date: 08/31/2006

Population Grouping	Fatal Accidents	Injury Accidents	PDO Accidents	Total Accidents
METROPOLITAN	0	0	0	0
RURAL	654	11,735	22,704	35,093
UNDESIGNATED	0	0	0	0
URBAN	29	2,107	6,708	8,844
URBANIZED	169	11,783	34,530	46,482
Totals	852	25,625	63,942	90,419



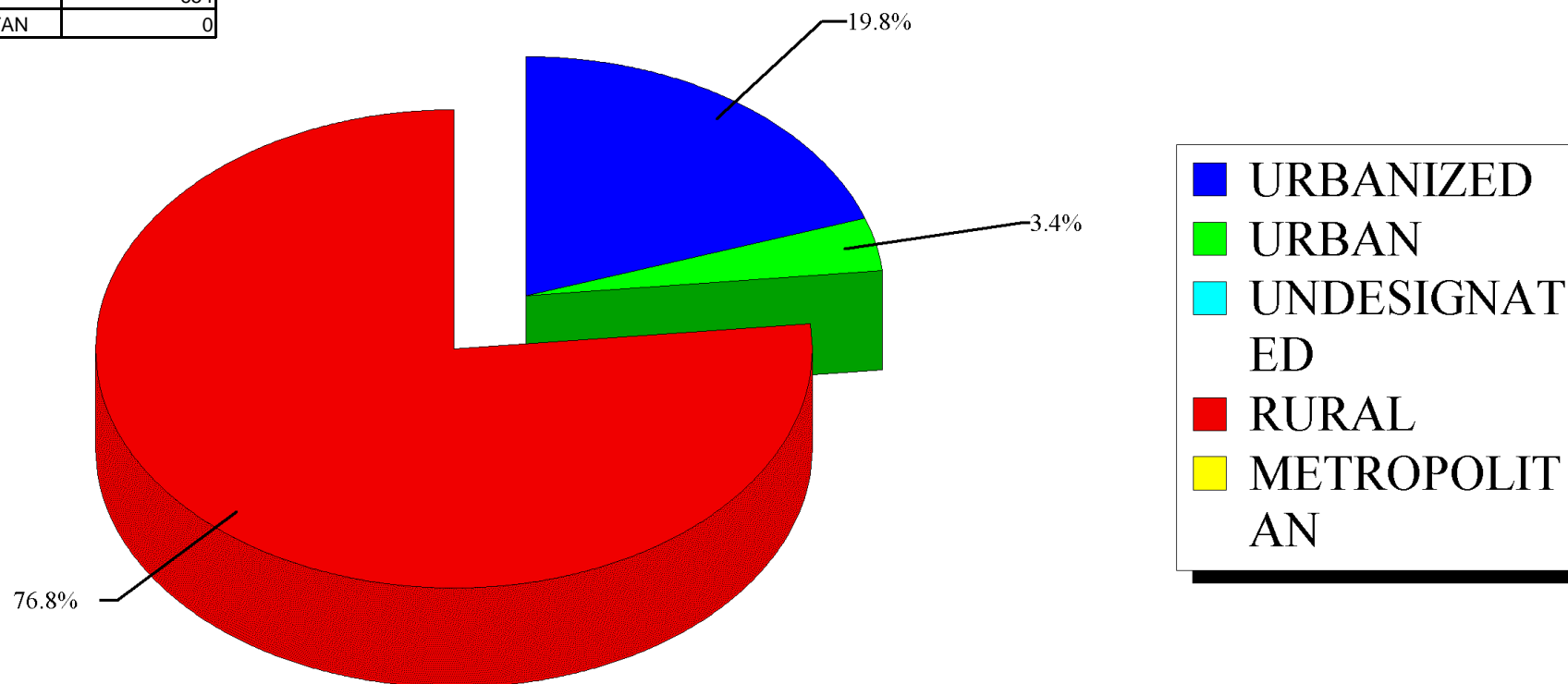
Missouri Department of Transportation
Transportation Planning

Date: 08/31/2006

2005 Fatal Accidents by Population Grouping

852 Fatal Accidents

Population Grouping	Total Fatal Accidents
URBANIZED	169
URBAN	29
UNDESIGNATED	0
RURAL	654
METROPOLITAN	0



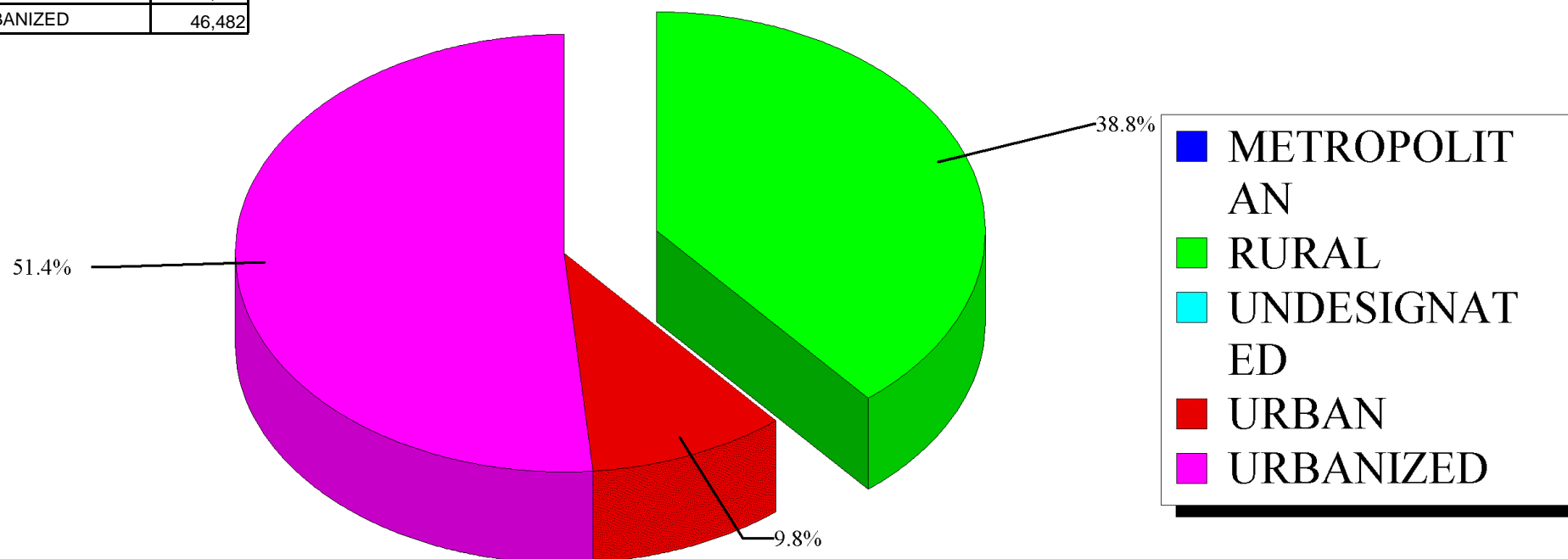


Missouri Department of Transportation Transportation Planning

Date: 08/31/2006

2005 Accidents by Population Grouping 90,419 Total Accidents

Population Grouping	Total Accidents
METROPOLITAN	0
RURAL	35,093
UNDESIGNATED	0
URBAN	8,844
URBANIZED	46,482



Chapter 1-D : ACCIDENTS BY ROUTE MARKING

In 2004, 0.85% of all accidents occurring on the Missouri Highway System resulted in a fatality and 28.28% resulted in an injury. This section separates these total accidents according to the route marking of the highways on which they occurred. In 2005, state numbered routes had the highest percentage of total accidents and the highest percentage of fatal accidents.



**Missouri Department of Transportation
Transportation Planning
2005 Accidents by Route Marking Designation**

Date: 08/31/2006

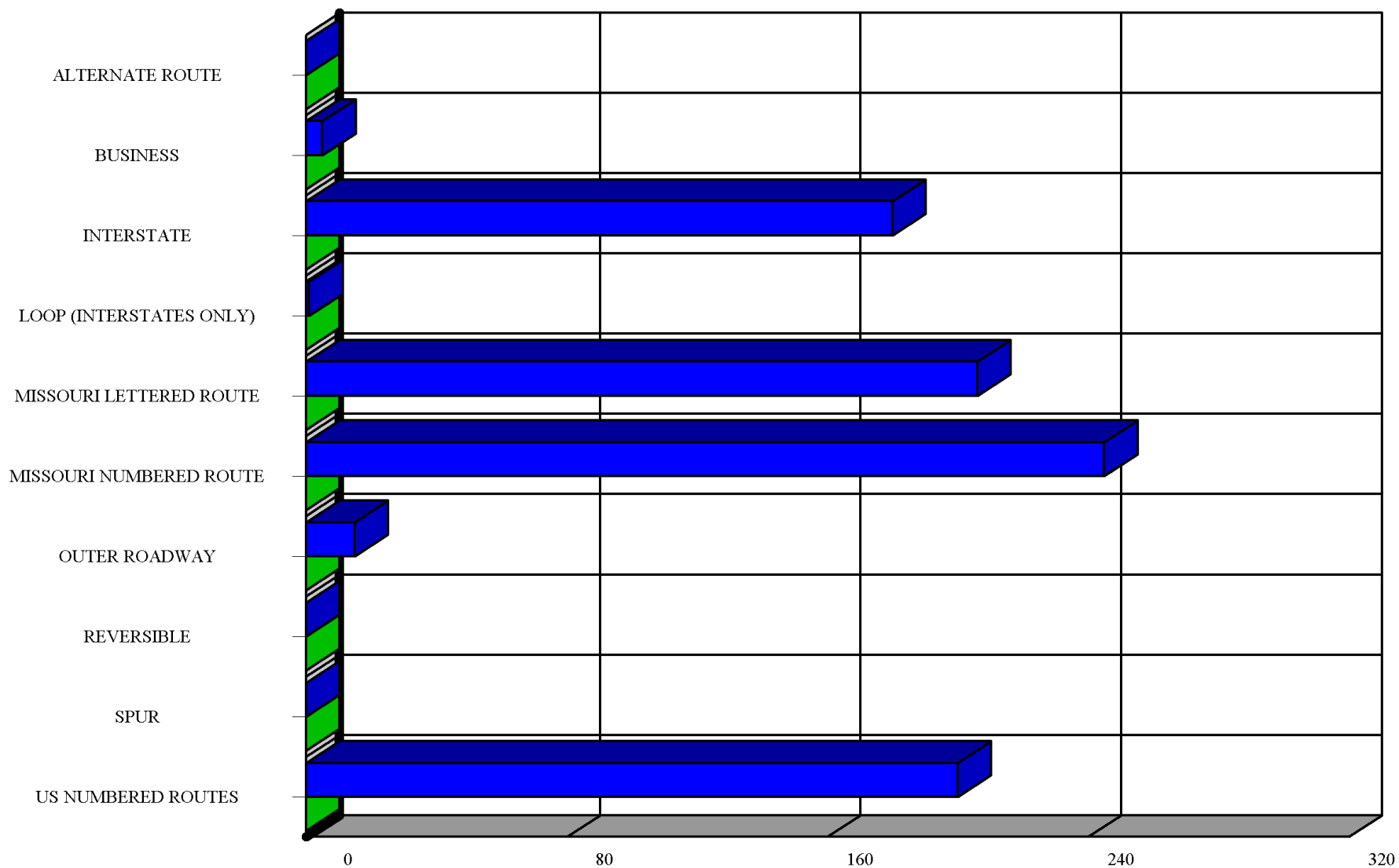
Route Marking Designation	Fatal Accidents	Total Fatalities	Injury Accidents	Total Injuries	PDO Accidents	Total Accidents
ALTERNATE ROUTE	0	0	0	0	0	0
BUSINESS	5	7	826	1,234	2,270	3,101
INTERSTATE	180	215	4,915	7,216	14,949	20,044
LOOP (INTERSTATES ONLY)	1	1	239	371	714	954
MISSOURI LETTERED ROUTE	206	232	5,076	7,402	9,798	15,080
MISSOURI NUMBERED ROUTE	245	275	8,429	12,976	21,115	29,789
OUTER ROADWAY	15	17	573	867	1,505	2,093
REVERSIBLE	0	0	0	0	0	0
SPUR	0	0	36	46	136	172
US NUMBERED ROUTES	200	226	5,531	8,638	13,456	19,187
Totals	852	973	25,625	38,750	63,943	90,420



Missouri Department of Transportation Transportation Planning

Date: 08/31/2006

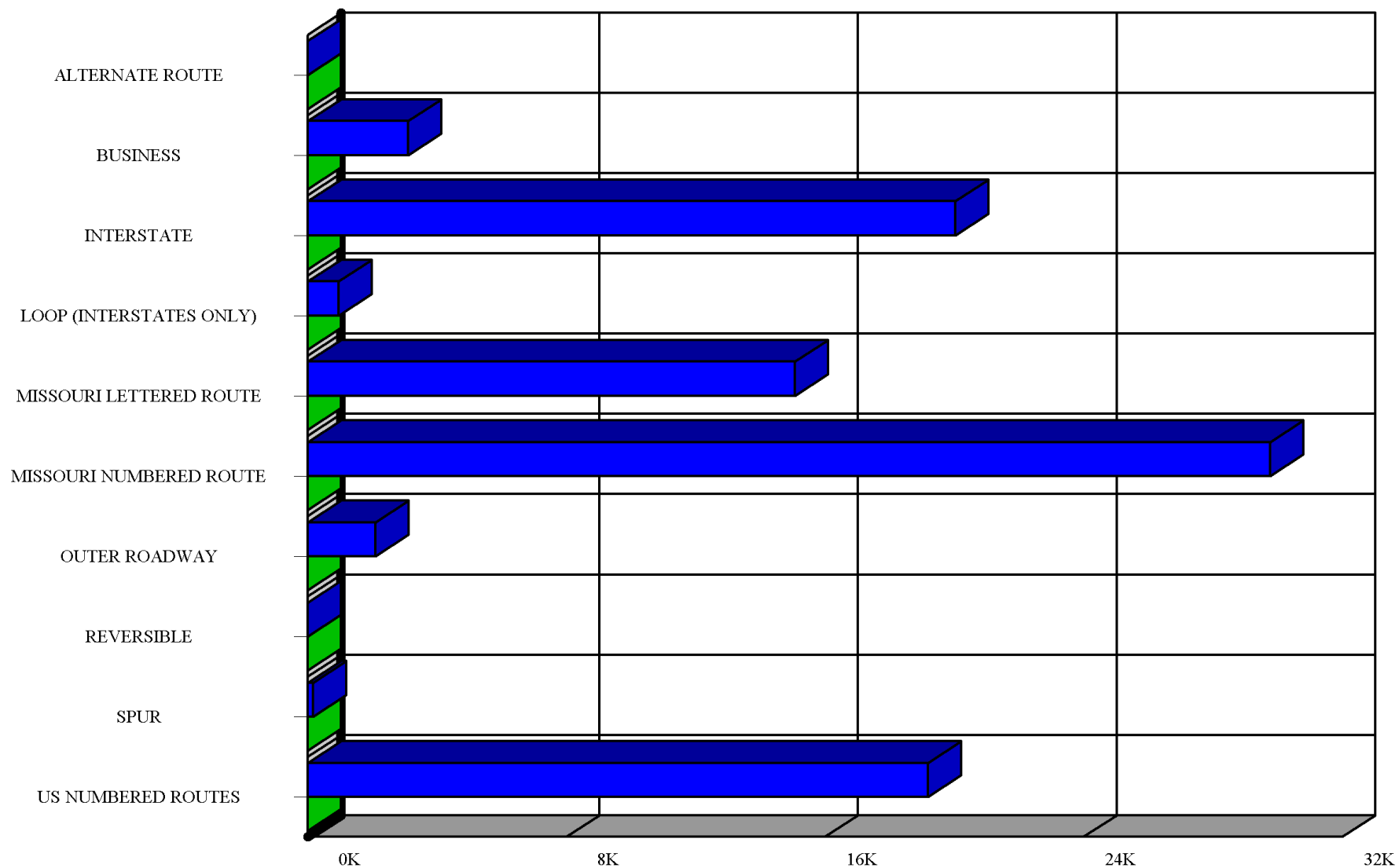
Fatal Accidents by Route Marking Designation 852 Fatal Accidents





Missouri Department of Transportation
Transportation Planning
Accidents by Route Marking Designation
90420 Total Accidents

Date: 08/31/2006



Chapter 1-F : ACCIDENTS BY DRIVER'S AGE

This section examines driver age in relation to accident involvement. The total number of drivers by age group consists of individuals holding a valid operators or chauffeurs license in the state of Missouri.



**Missouri Department of Transportation
Transportation Planning
2005 Accidents by Drivers Age**

Date: 08/31/2006

DRIVERS INVOLVED IN				
Driver Age Group	Fatal Accidents	Injury Accidents	PDO Accidents	Total Accidents
15 & Under	0	66	111	177
16-20	147	6,928	16,120	23,195
21-25	183	6,093	14,702	20,978
26-30	96	4,498	11,089	15,683
31-35	107	4,003	10,146	14,256
36-40	110	3,912	9,826	13,848
41-45	133	4,309	10,713	15,155
46-50	112	3,843	9,676	13,631
51-55	114	3,042	7,646	10,802
56-60	87	2,506	6,043	8,636
61-65	80	1,697	4,194	5,971
66-70	44	1,194	2,920	4,158
71 & Over	102	2,405	7,091	9,598
Not Stated or Unknown	13	909	4,823	5,745
TOTALS	1,328	45,405	115,100	161,833



Missouri Department of Transportation Transportation Planning

Date: 08/31/2006

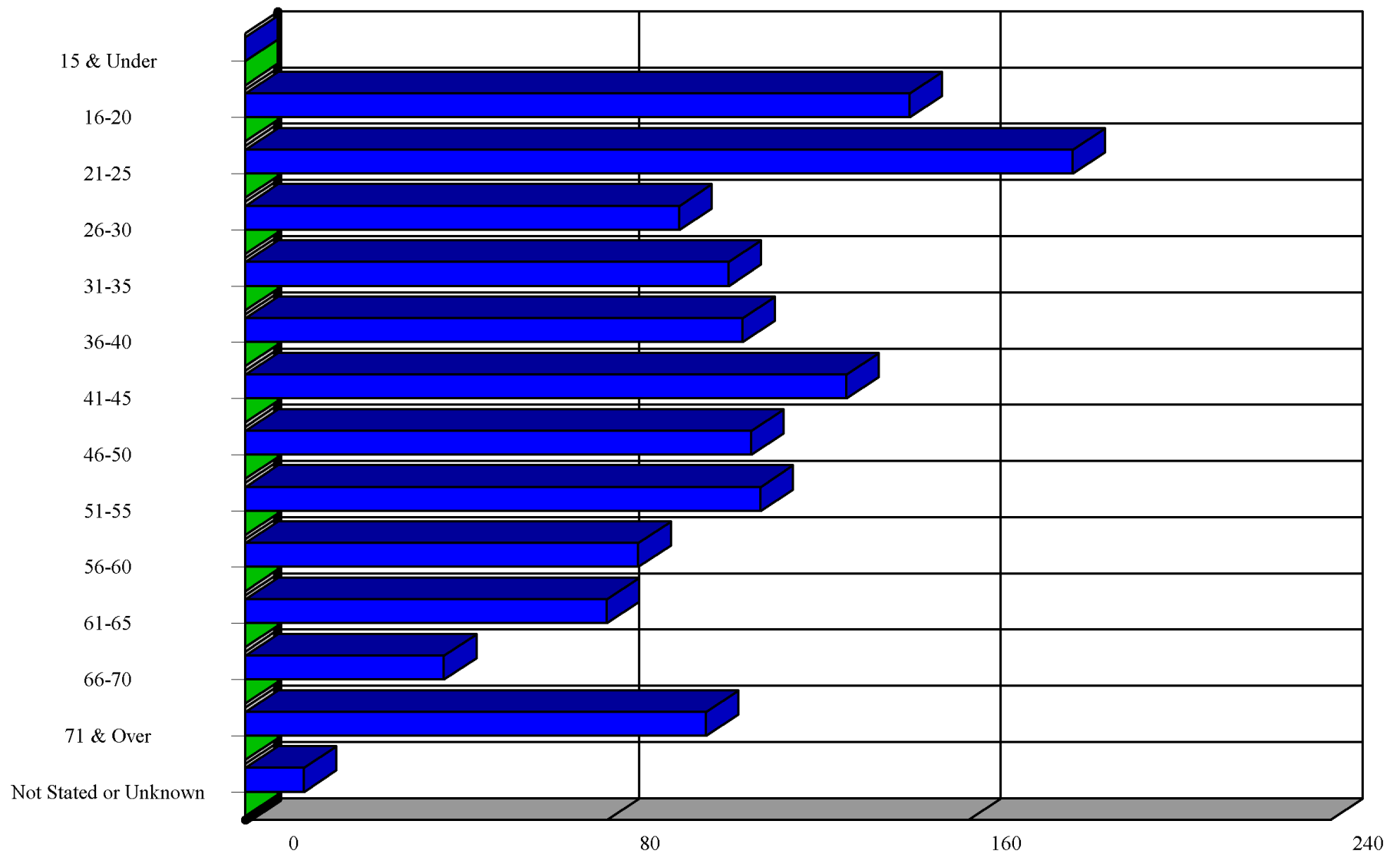
2005 Accident Statistics by Drivers Age

Driver Age Group	Driver Totals	% of Total Drivers	# Drivers In Accidents	% Drivers Involved in Accidents
16 - 20	305572	6.94%	23,195	14.35%
21 - 25	399281	9.07%	20,978	12.98%
26 - 30	384551	8.73%	15,683	9.70%
31 - 35	392427	8.91%	14,256	8.82%
36 - 40	395089	8.97%	13,848	8.57%
41 - 45	456882	10.37%	15,155	9.37%
46 - 50	440901	10.01%	13,631	8.43%
51-55	384285	8.73%	10,802	6.68%
56 - 60	325723	7.40%	8,636	5.34%
61 - 65	255648	5.80%	5,971	3.69%
66 - 70	197551	4.49%	4,158	2.57%
71 & Over	465104	10.56%	9,598	5.94%
Not Stated or Unknown	925	0.02%	5,745	3.55%



Missouri Department of Transportation
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Fatal Accidents by Drivers Age
1334 Drivers Involved in 852 Accidents

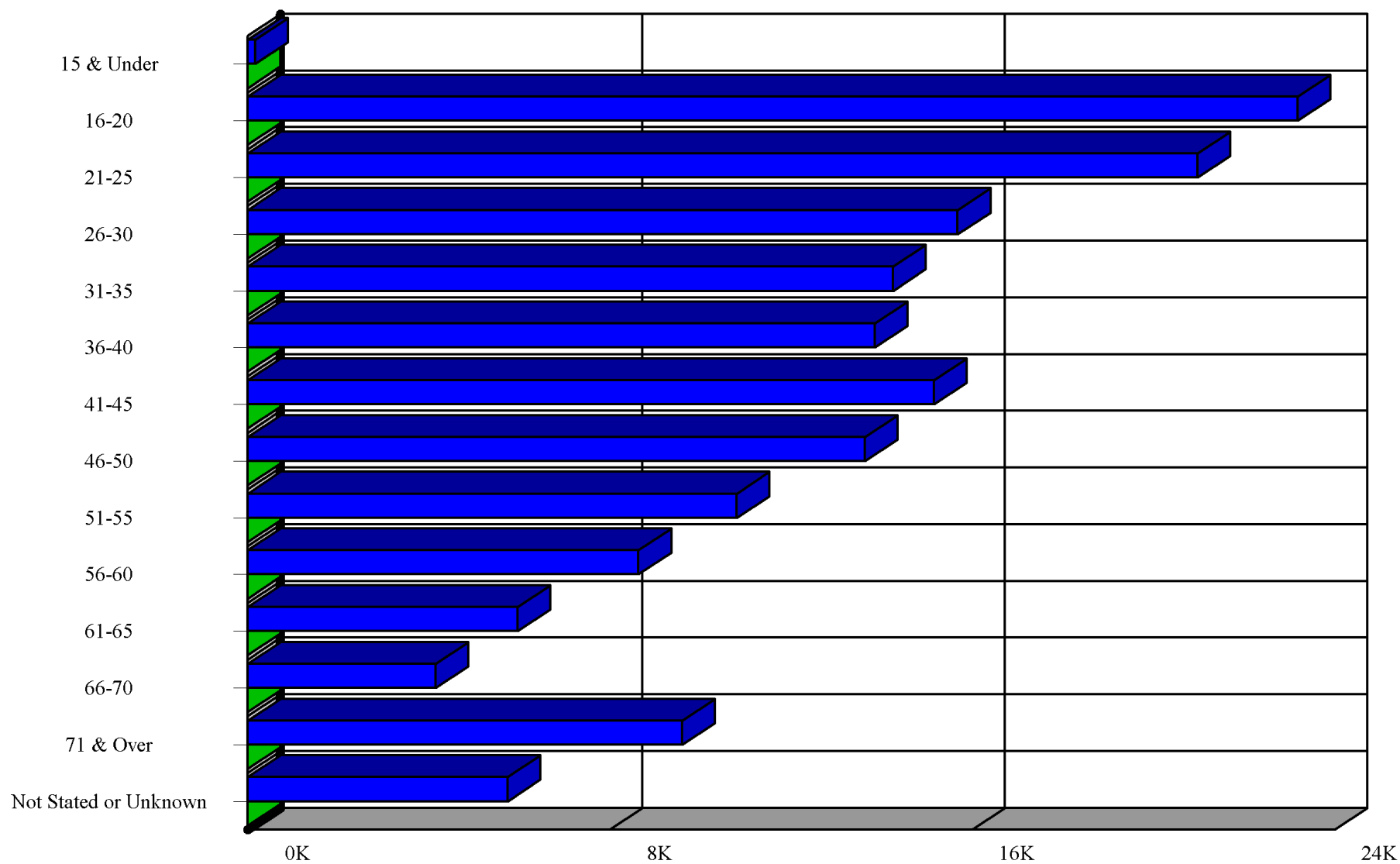
Date: 08/31/2006





Missouri Department of Transportation
Transportation Planning
Total Accidents by Drivers Age
161833 Drivers Involved in 90420 Total Accidents

Date: 08/31/2006



Chapter 1-G : ACCIDENTS BY HOUR, DAY AND MONTH

The hour of 3:00 p.m. to 4:00 p.m. was the hour of highest percentage of total accidents. The hour of 4:00 p.m. to 5:00 p.m. was the hour of the highest percentage of fatal accidents during 2004.

Friday was the day with the largest percentage of fatal accidents at 17.96%, and also accounted for the highest percentage of total accidents at 17.86%.

June had the largest number of fatal accidents, October had the largest number of injury accidents, and November had the largest number of total accidents in 2004.



**Missouri Department of Transportation
Transportation Planning
2005 Accidents by Time of Day**

Date: 08/31/2006

Time of Day	Fatal Accidents	Total Fatalities	Injury Accidents	Total Injuries	PDO Accidents	Total Accidents
12:00M - 12:59 AM	29	29	513	743	967	1,509
1:00 - 1:59 AM	33	34	493	703	845	1,371
2:00 - 2:59 AM	39	46	350	473	632	1,021
3:00 - 3:59 AM	15	15	271	386	530	816
4:00 - 4:59 AM	26	26	260	330	496	782
5:00 - 5:59 AM	20	23	362	459	870	1,252
6:00 - 6:59 AM	25	30	751	997	1,935	2,711
7:00 - 7:59 AM	29	31	1,388	2,022	3,760	5,177
8:00 - 8:59 AM	32	39	1,128	1,658	2,989	4,149
9:00 - 9:59 AM	27	29	936	1,337	2,535	3,498
10:00 - 10:59 AM	36	46	1,058	1,565	2,751	3,845
11:00 - 11:59 AM	32	35	1,288	2,001	3,353	4,673
12:00N - 12:59 PM	41	48	1,560	2,389	3,954	5,555
1:00 - 1:59 PM	29	35	1,568	2,484	3,860	5,457
2:00 - 2:59 PM	53	63	1,705	2,697	4,279	6,037
3:00 - 3:59 PM	48	53	2,176	3,346	5,700	7,924
4:00 - 4:59 PM	52	57	2,106	3,245	5,598	7,756
5:00 - 5:59 PM	34	37	2,143	3,315	5,759	7,936
6:00 - 6:59 PM	45	56	1,488	2,340	3,749	5,282
7:00 - 7:59 PM	47	53	1,027	1,608	2,425	3,499
8:00 - 8:59 PM	40	46	819	1,268	1,963	2,822
9:00 - 9:59 PM	39	44	836	1,275	1,953	2,828
10:00 - 10:59 PM	37	40	770	1,163	1,510	2,317
11:00 - 11:59 PM	39	53	579	880	1,228	1,846
NOT STATED	5	5	50	66	302	357
Totals	852	973	25,625	38,750	63,943	90,420



**Missouri Department of Transportation
Transportation Planning
2005 Accidents by Day of Week**

Date: 08/31/2006

Day of Week	Fatal Accidents	Total Fatalities	Injury Accidents	Total Injuries	PDO Accidents	Total Accidents
MONDAY	111	122	3,775	5,587	9,344	13,230
TUESDAY	90	100	3,590	5,210	9,505	13,185
WEDNESDAY	99	115	3,585	5,272	9,751	13,435
THURSDAY	122	140	3,780	5,604	10,193	14,095
FRIDAY	155	177	4,400	6,703	11,507	16,062
SATURDAY	148	167	3,600	5,718	7,967	11,715
SUNDAY	127	152	2,895	4,656	5,676	8,698
UNKNOWN	0	0	0	0	0	0
Totals	852	973	25,625	38,750	63,943	90,420



**Missouri Department of Transportation
Transportation Planning
2005 Accidents by Month**

Date: 08/31/2006

Month	Fatal Accidents	Total Fatalities	Injury Accidents	Total Injuries	PDO Accidents	Total Accidents
JANUARY	54	62	1,960	2,944	5,565	7,579
FEBRUARY	69	81	1,822	2,686	4,825	6,716
MARCH	79	91	1,855	2,826	4,750	6,684
APRIL	70	78	2,247	3,338	5,235	7,552
MAY	89	106	2,307	3,614	5,325	7,721
JUNE	68	76	2,404	3,720	5,477	7,949
JULY	78	93	2,273	3,542	5,123	7,474
AUGUST	76	90	2,253	3,461	5,134	7,463
SEPTEMBER	63	67	2,026	2,996	4,835	6,924
OCTOBER	71	77	2,242	3,381	5,632	7,945
NOVEMBER	78	91	2,083	3,064	5,647	7,808
DECEMBER	57	61	2,153	3,178	6,395	8,605
Totals	852	973	25,625	38,750	63,943	90,420



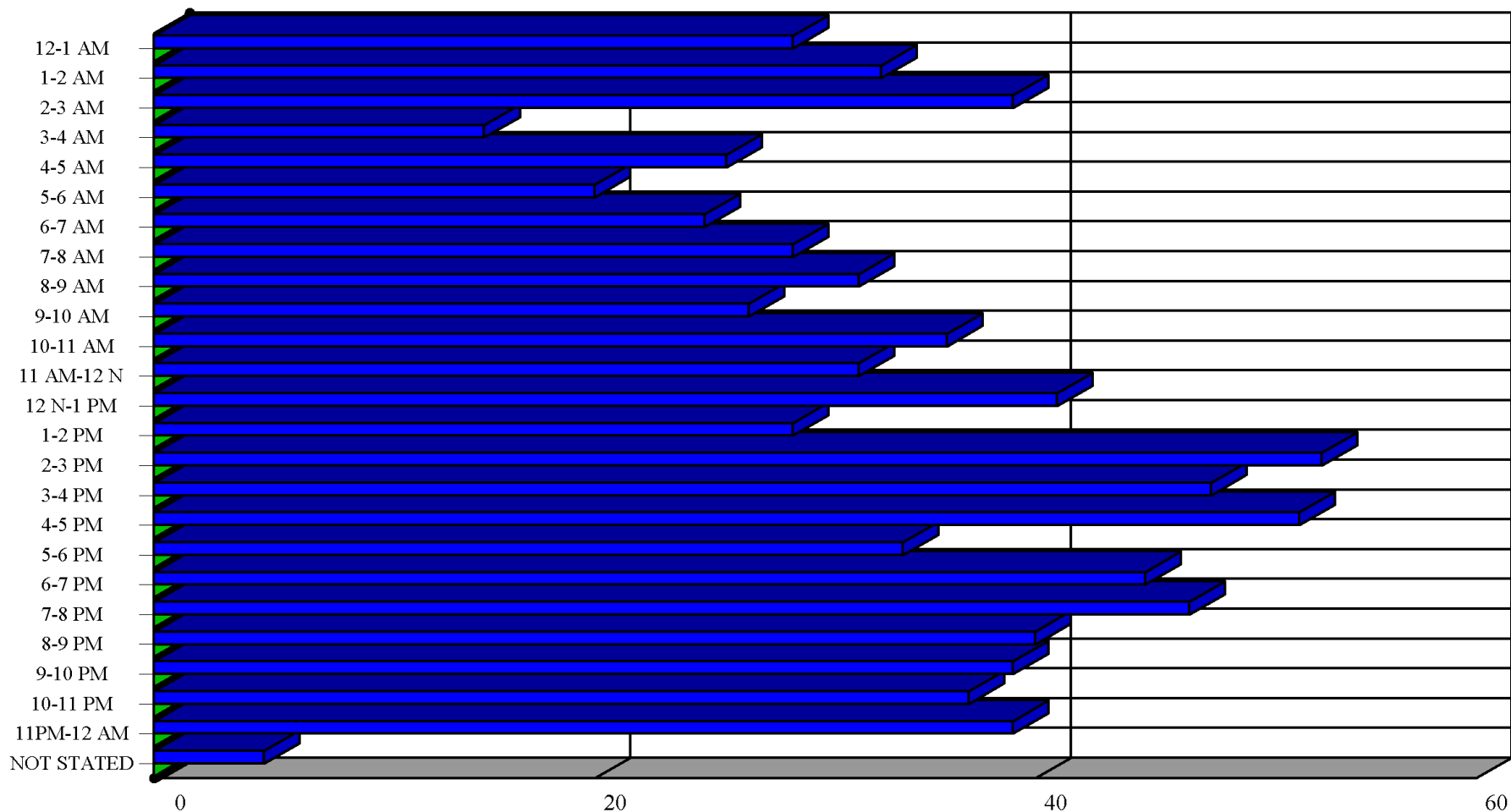
Missouri Department of Transportation Transportation Planning

Date: 08/31/2006

Fatal Accidents by Time of Day

852 Fatal Accidents

12-1 AM	1-2 AM	2-3 AM	3-4 AM	4-5 AM	5-6 AM	6-7 AM	7-8 AM	8-9 AM	9-10 AM	10-11 AM	11 AM-12 N	12 N-1 PM	1-2 PM	2-3 PM	3-4 PM	4-5 PM	5-6 PM	6-7 PM	7-8 PM	8-9 PM	9-10 PM	10-11 PM	11PM-12 AM	NOT STATED
29	33	39	15	26	20	25	29	32	27	36	32	41	29	53	48	52	34	45	47	40	39	37	39	5





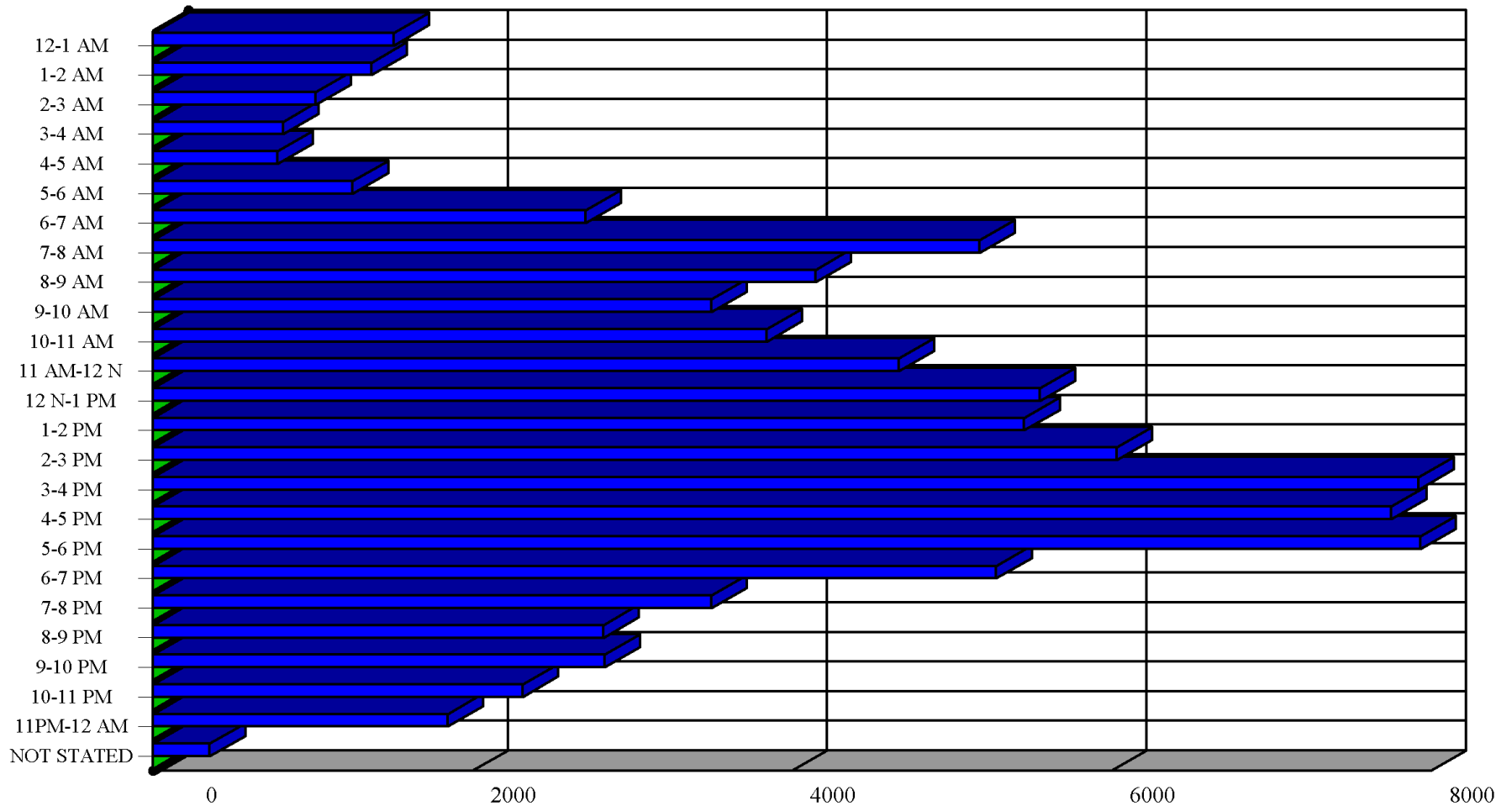
Missouri Department of Transportation Transportation Planning

Date: 08/31/2006

Total Accidents by Time of Day

90420 Total Accidents

12-1 AM	1-2 AM	2-3 AM	3-4 AM	4-5 AM	5-6 AM	6-7 AM	7-8 AM	8-9 AM	9-10 AM	10-11 AM	11 AM-12 N	12 N-1 PM	1-2 PM	2-3 PM	3-4 PM	4-5 PM	5-6 PM	6-7 PM	7-8 PM	8-9 PM	9-10 PM	10-11 PM	11PM-12 AM	NOT STATED
1509	1371	1021	816	782	1252	2711	5177	4149	3498	3845	4673	5555	5457	6037	7924	7756	7936	5282	3499	2822	2828	2317	1846	357





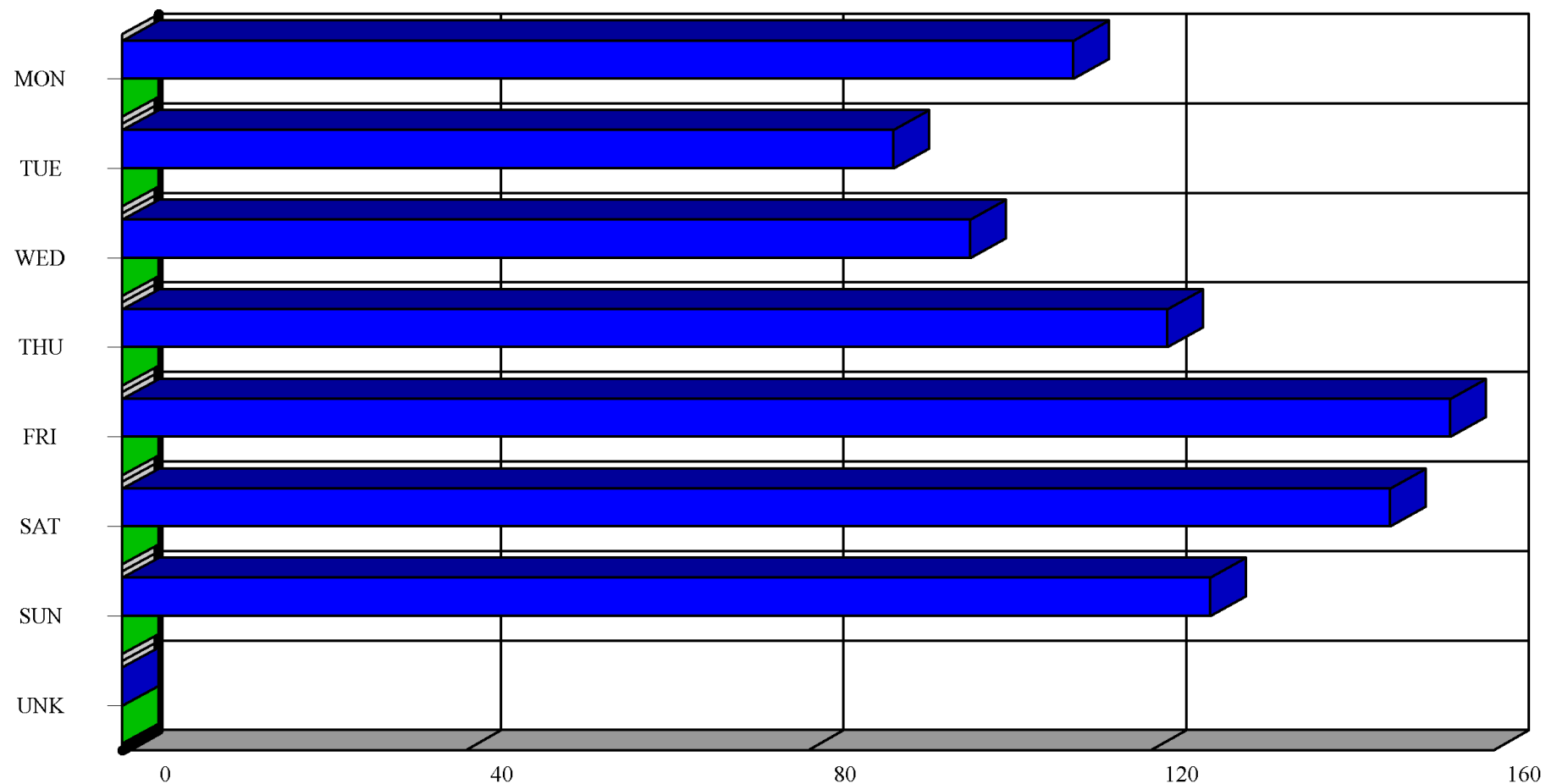
Missouri Department of Transportation Transportation Planning

Date: 08/31/2006

Fatal Accidents by Day of Week

852 Fatal Accidents

MON	TUE	WED	THU	FRI	SAT	SUN	UNK
111	90	99	122	155	148	127	0





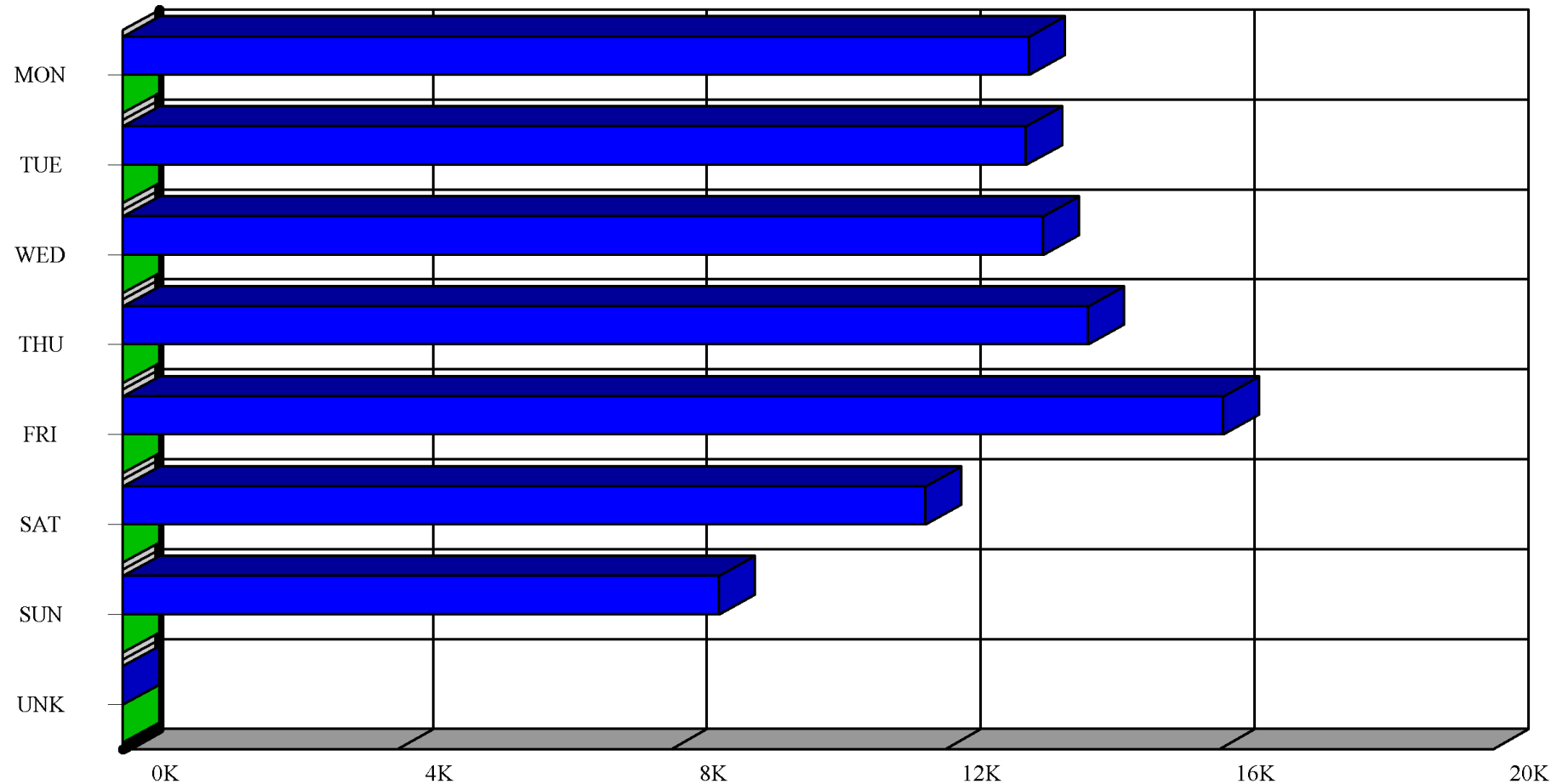
Missouri Department of Transportation
Transportation Planning

Date: 08/31/2006

Total Accidents by Day of Week

90420 Total Accidents

MON	TUE	WED	THU	FRI	SAT	SUN	UNK
13230	13185	13435	14095	16062	11715	8698	0



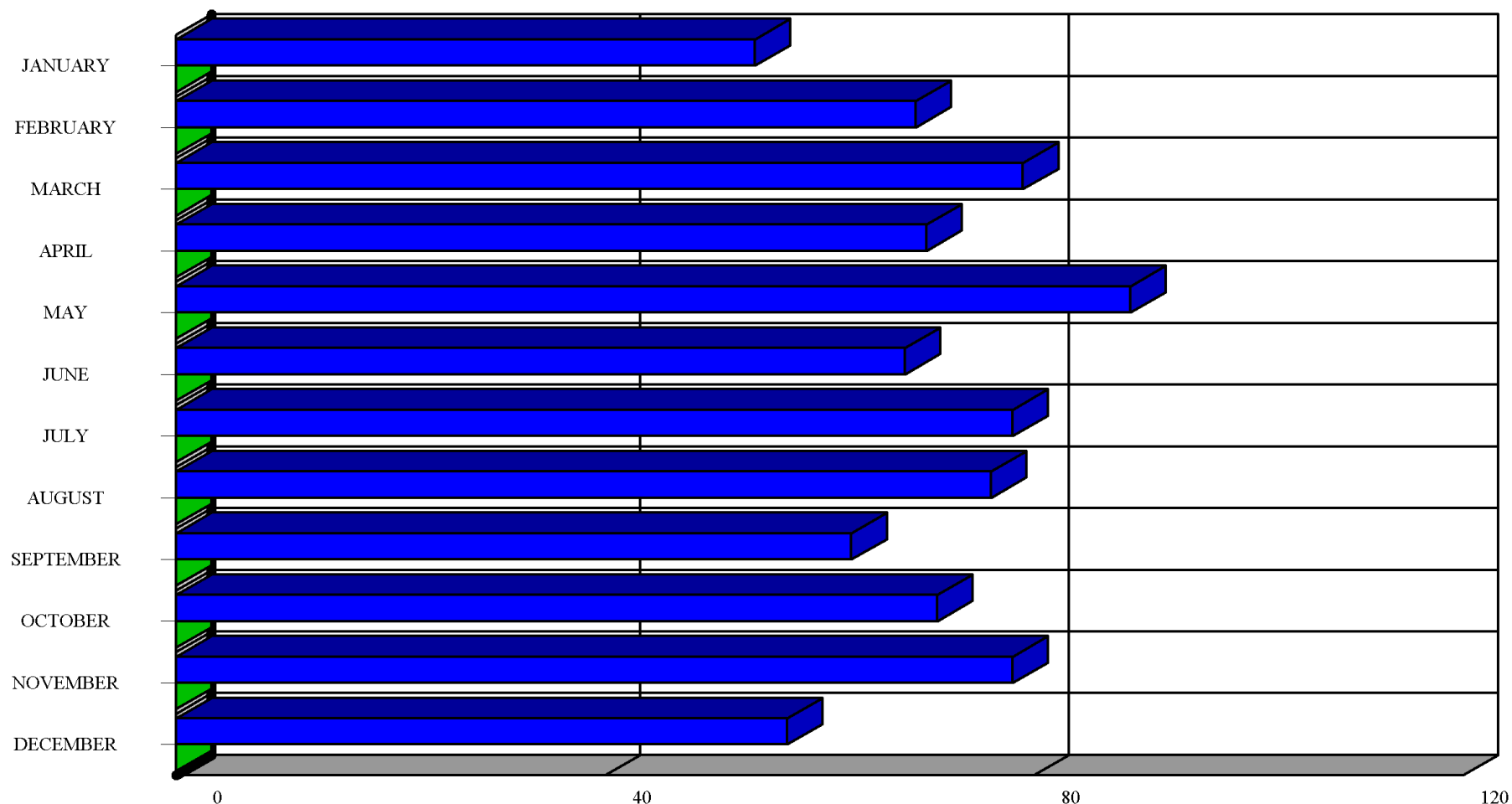


Missouri Department of Transportation Transportation Planning Fatal Accidents by Month

Date: 08/31/2006

852 Fatal Accidents

JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
54	69	79	70	89	68	78	76	63	71	78	57



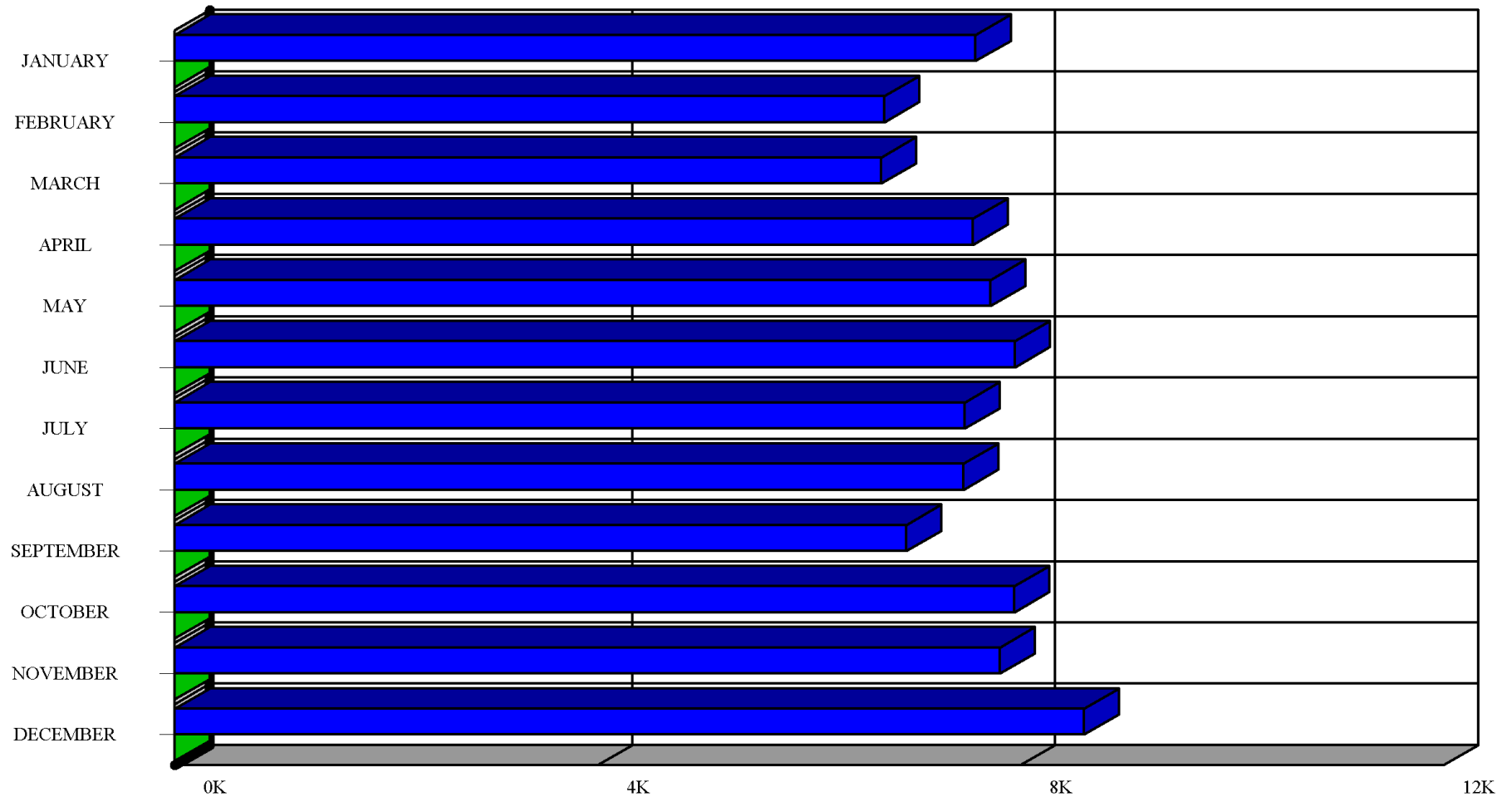


Missouri Department of Transportation Transportation Planning Total Accidents by Month

Date: 08/31/2006

90420 Total Accidents

JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
7579	6716	6684	7552	7721	7949	7474	7463	6924	7945	7808	8605	



Chapter 1-H : ACCIDENTS BY WEATHER CONDITION

The examination of weather conditions reveals that, in 2005, a majority of fatal, injury and total accidents occurred under ideal weather conditions.



**Missouri Department of Transportation
Transportation Planning
2005 Accidents by Weather Condition**

Date: 08/31/2006

Weather Condition	Fatal Accidents	Total Fatalities	Injury Accidents	Total Injuries	PDO Accidents	Total Accidents
CLEAR	516	581	15,943	24,140	38,057	54,516
CLOUDY	275	321	7,179	10,995	16,224	23,678
FOG/MIST	8	8	175	273	450	633
FREEZING	4	4	105	139	255	364
NOT STATED	3	3	88	120	2,597	2,688
RAIN	38	48	1,607	2,356	4,373	6,018
SLEET	0	0	50	67	180	230
SNOW	8	8	478	660	1,807	2,293
Totals	852	973	25,625	38,750	63,943	90,420



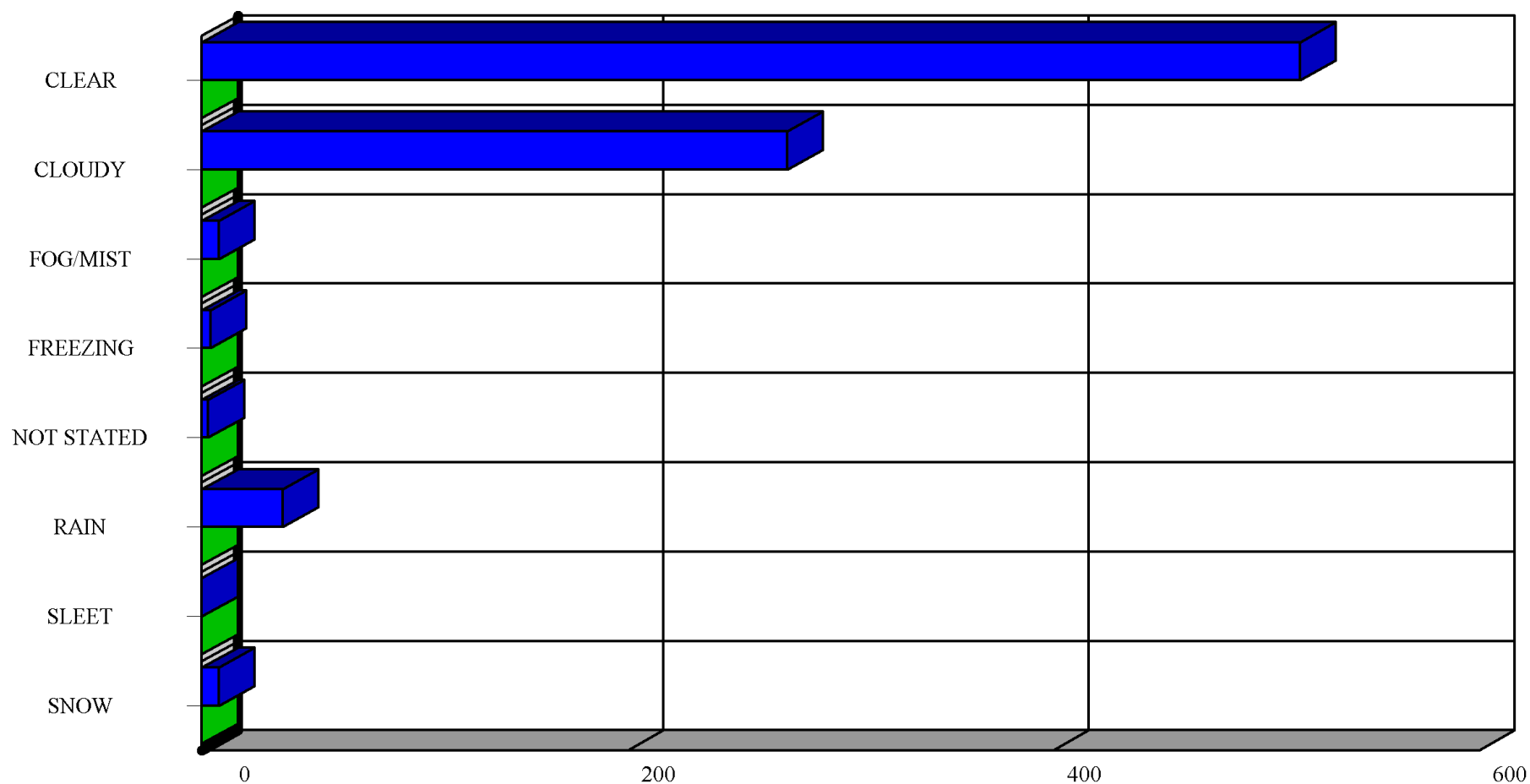
Missouri Department of Transportation Transportation Planning

Date: 08/31/2006

Fatal Accidents by Weather Condition

852 Fatal Accidents

CLEAR	CLOUDY	FOG/MIST	FREEZING	NOT STATED	RAIN	SLEET	SNOW
516	275	8	4	3	38	0	8





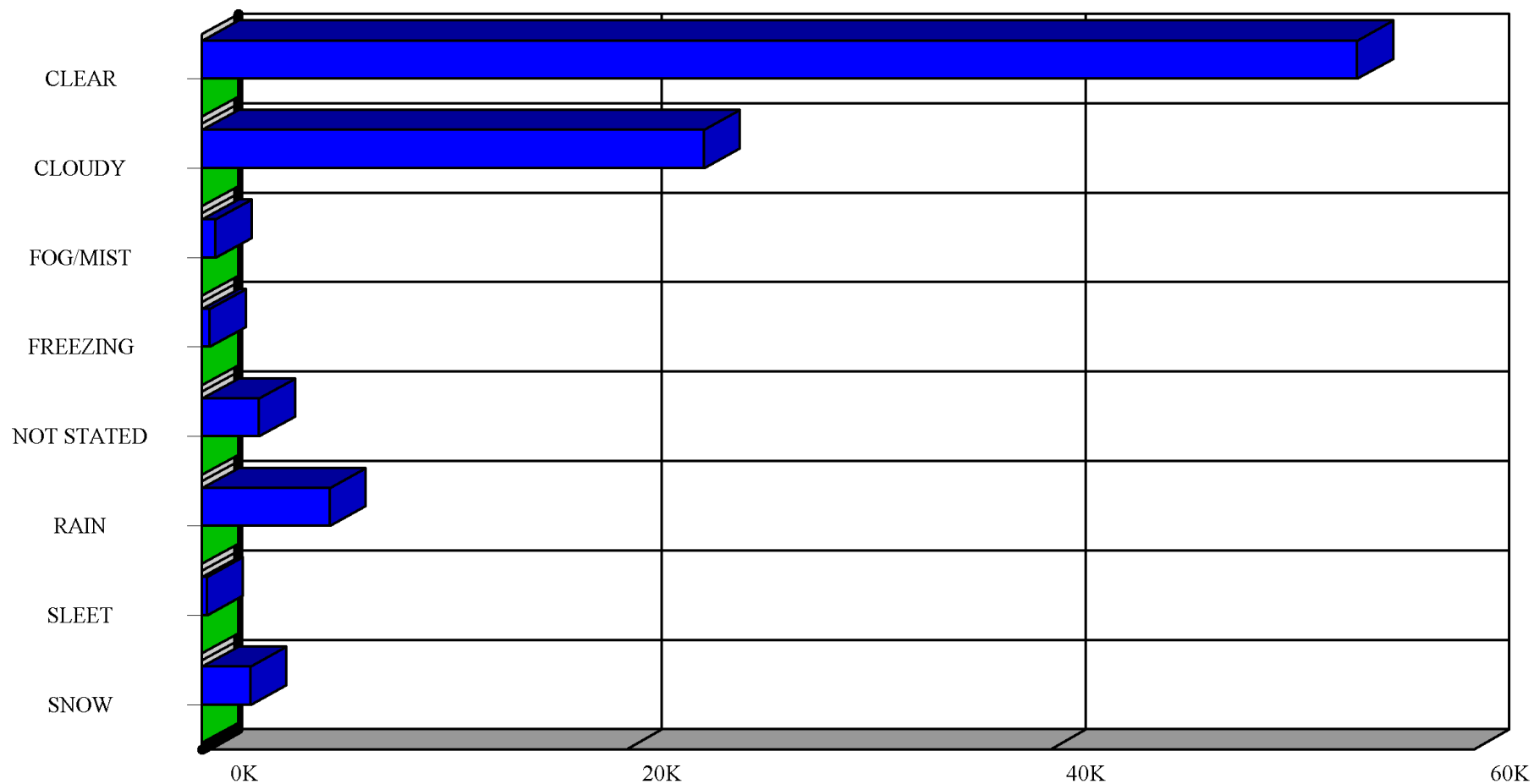
Missouri Department of Transportation Transportation Planning

Date: 08/31/2006

Total Accidents by Weather Condition

90420 Total Accidents

CLEAR	CLOUDY	FOG/MIST	FREEZING	NOT STATED	RAIN	SLEET	SNOW
54516	23678	633	364	2688	6018	230	2293



Chapter 1-I : ACCIDENTS BY VEHICLE TYPE

This section reviews the types of vehicles involved in accidents. The totals shown represent all vehicles as a separate accident; therefore, vehicle totals will not agree with the accident totals.

In 2004, the ratio of passenger cars involved in fatal accidents to those involved in all accidents was 1:138.09. For motorcycles, this ratio was 1:28.13.



**Missouri Department of Transportation
Transportation Planning
2005 Accidents by Vehicle Type**

Date: 08/31/2006

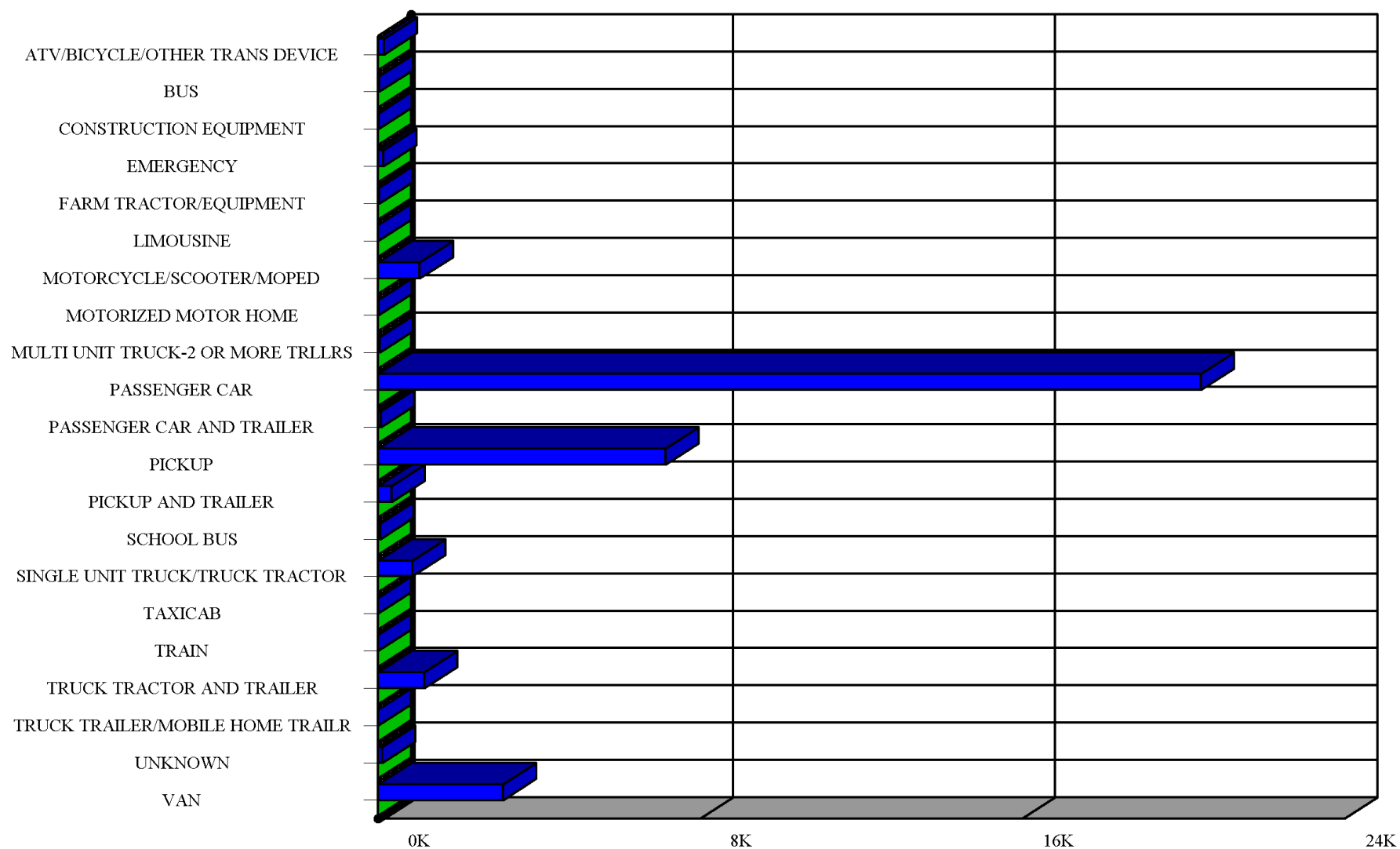
Vehicle Type	Fatal Accidents	Total Fatalities	Injury Accidents	Total Injuries	PDO Accidents	Total Accidents
ATV/BICYCLE/OTHER TRANS DEVICE	6	6	153	206	437	596
BUS	2	7	42	136	122	166
CONSTRUCTION EQUIPMENT	0	0	15	19	72	87
EMERGENCY	3	5	142	215	545	690
FARM TRACTOR/EQUIPMENT	2	2	39	56	89	130
LIMOUSINE	1	1	7	18	19	27
MOTORCYCLE/SCOOTER/MOPED	61	62	1,041	1,238	205	1,307
MOTORIZED MOTOR HOME	1	1	19	33	115	135
MULTI UNIT TRUCK-2 OR MORE TRLLRS	3	3	48	64	149	200
PASSENGER CAR	588	683	20,440	31,581	52,466	73,494
PASSENGER CAR AND TRAILER	1	1	73	138	172	246
PICKUP	239	272	7,140	11,095	18,346	25,725
PICKUP AND TRAILER	18	19	347	575	1,163	1,528
SCHOOL BUS	3	4	68	253	224	295
SINGLE UNIT TRUCK/TRUCK TRACTOR	52	59	855	1,306	2,555	3,462
TAXICAB	0	0	0	0	0	0
TRAIN	2	2	3	4	6	11
TRUCK TRACTOR AND TRAILER	96	114	1,157	1,671	4,061	5,314
TRUCK TRAILER/MOBILE HOME TRAILR	0	0	0	0	0	0
UNKNOWN	6	6	107	171	642	755
VAN	79	108	3,115	5,562	7,896	11,090
Totals	1,163	1,355	34,811	54,341	89,284	125,258



Missouri Department of Transportation
Transportation Planning
Injury Accidents by Vehicle Type

Date: 08/31/2006

34811 Vehicles in INJURY Accidents

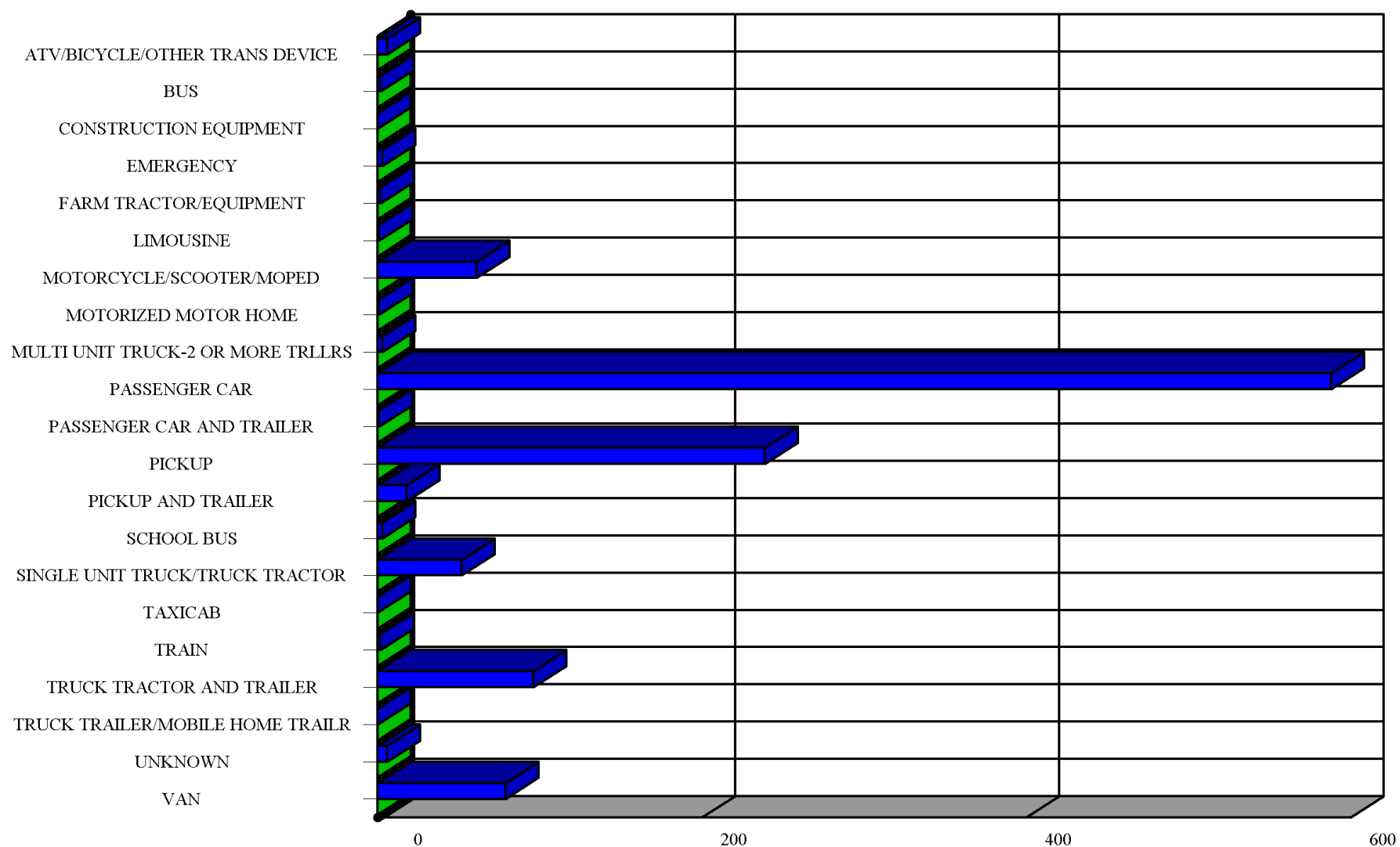




Missouri Department of Transportation
Transportation Planning
Fatal Accidents by Vehicle Type

Date: 08/31/2006

1163 Vehicles in FATAL Accidents

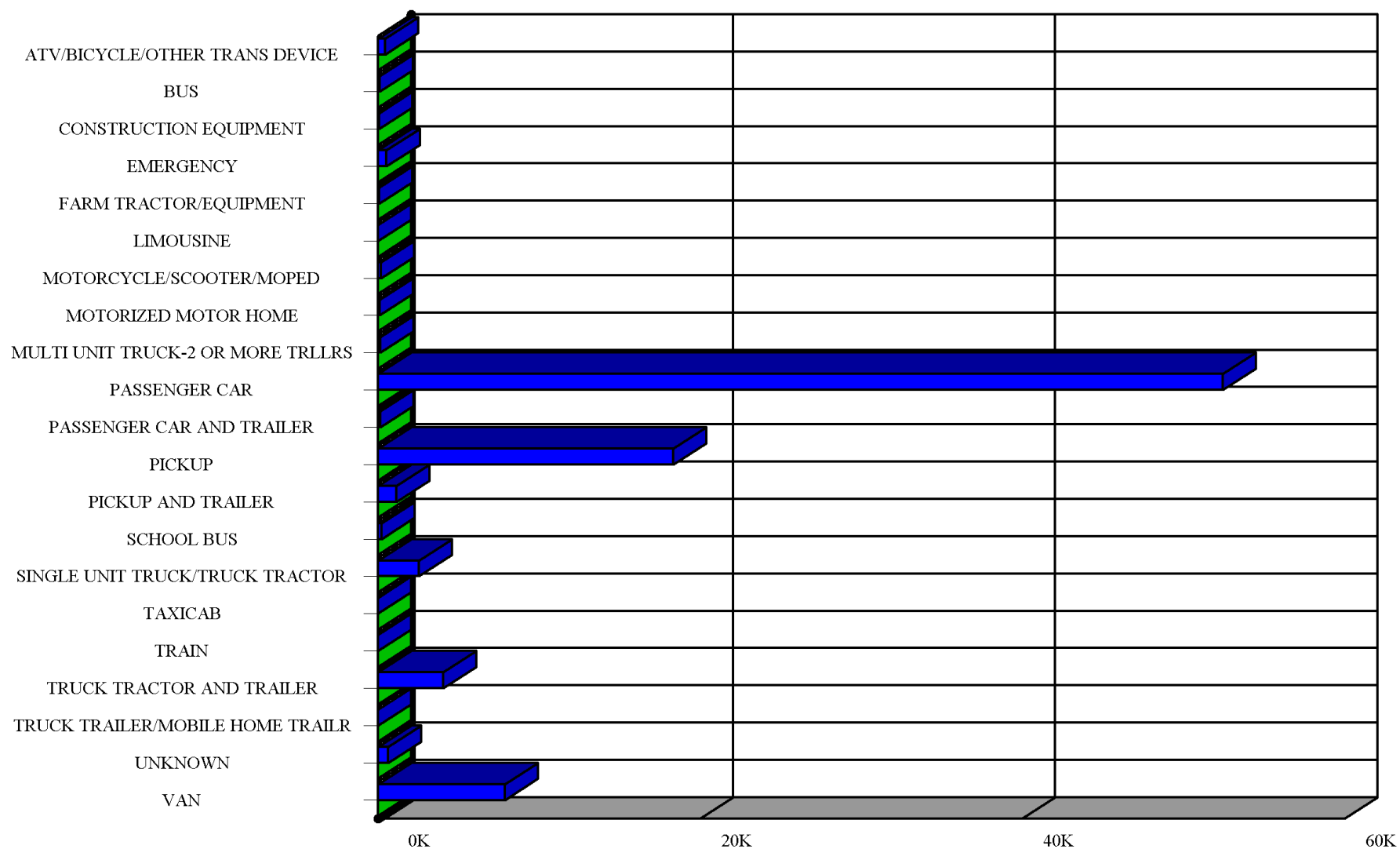




Missouri Department of Transportation
Transportation Planning
PDO Accidents by Vehicle Type

Date: 08/31/2006

89284 Vehicles in PDO Accidents

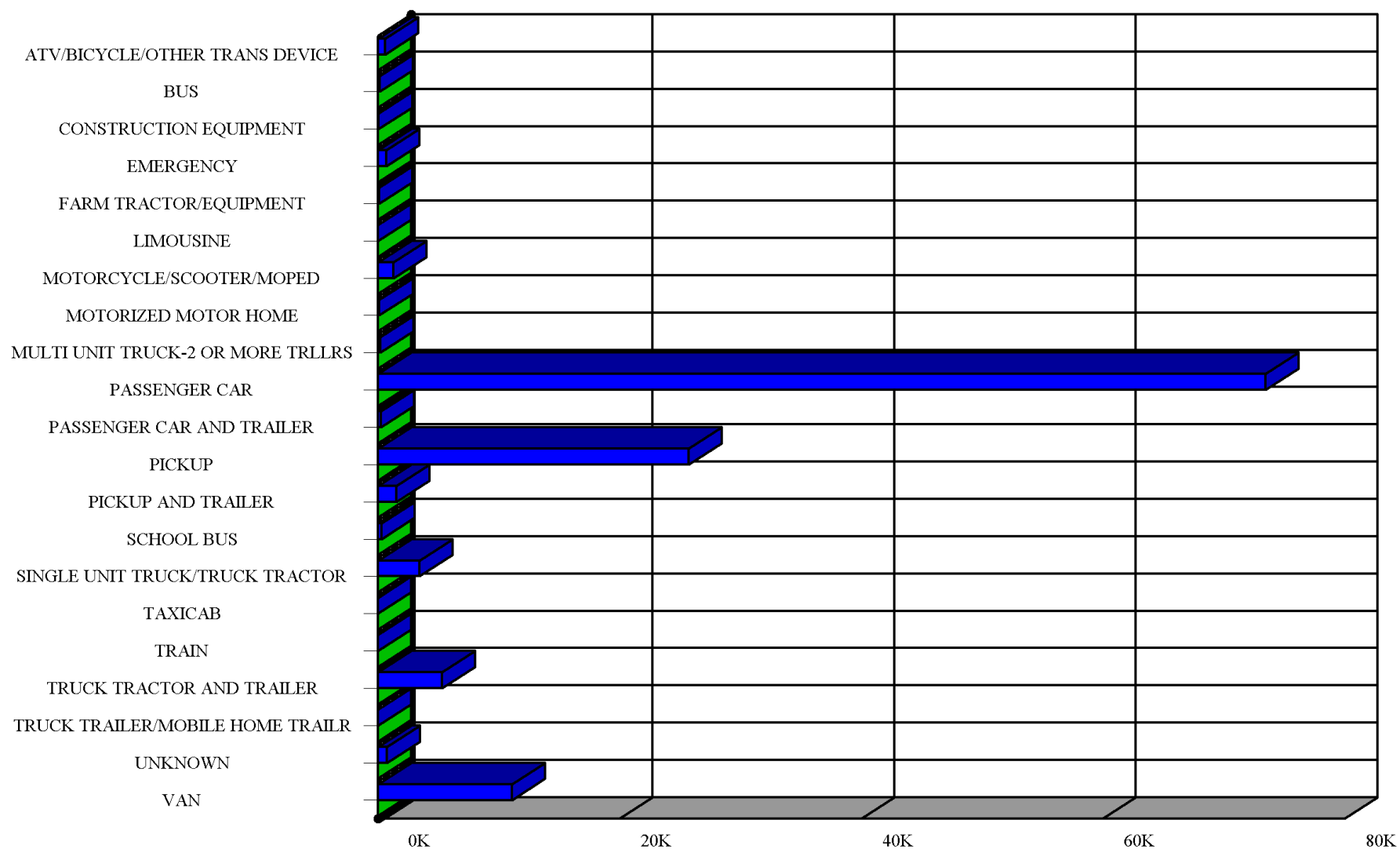




Missouri Department of Transportation
Transportation Planning
Total Accidents by Vehicle Type

Date: 08/31/2006

125258 Vehicles in Accidents



Chapter 1-J : ACCIDENTS BY LIGHT CONDITION

This section reviews the total reported accidents to determine whether they occurred during dark hours or daylight hours.

During 2004, 72.2% of the total accidents and 57.4% of the fatal accidents occurred during daylight hours.



**Missouri Department of Transportation
Transportation Planning
2005 Accidents by Light Condition**

Date: 08/31/2006

Light Condition	Fatal Accidents	Total Fatalities	Injury Accidents	Total Injuries	PDO Accidents	Total Accidents
DARK - NO STREET LIGHTS	308	351	4,056	5,909	8,266	12,630
DARK W/ STREET LIGHTS OFF	2	2	113	151	345	460
DARK W/ STREET LIGHTS ON	64	67	2,884	4,398	7,899	10,847
DAYLIGHT	471	543	18,314	27,945	46,587	65,372
NOT STATED/UNKNOWN	7	10	258	347	846	1,111
Totals	852	973	25,625	38,750	63,943	90,420

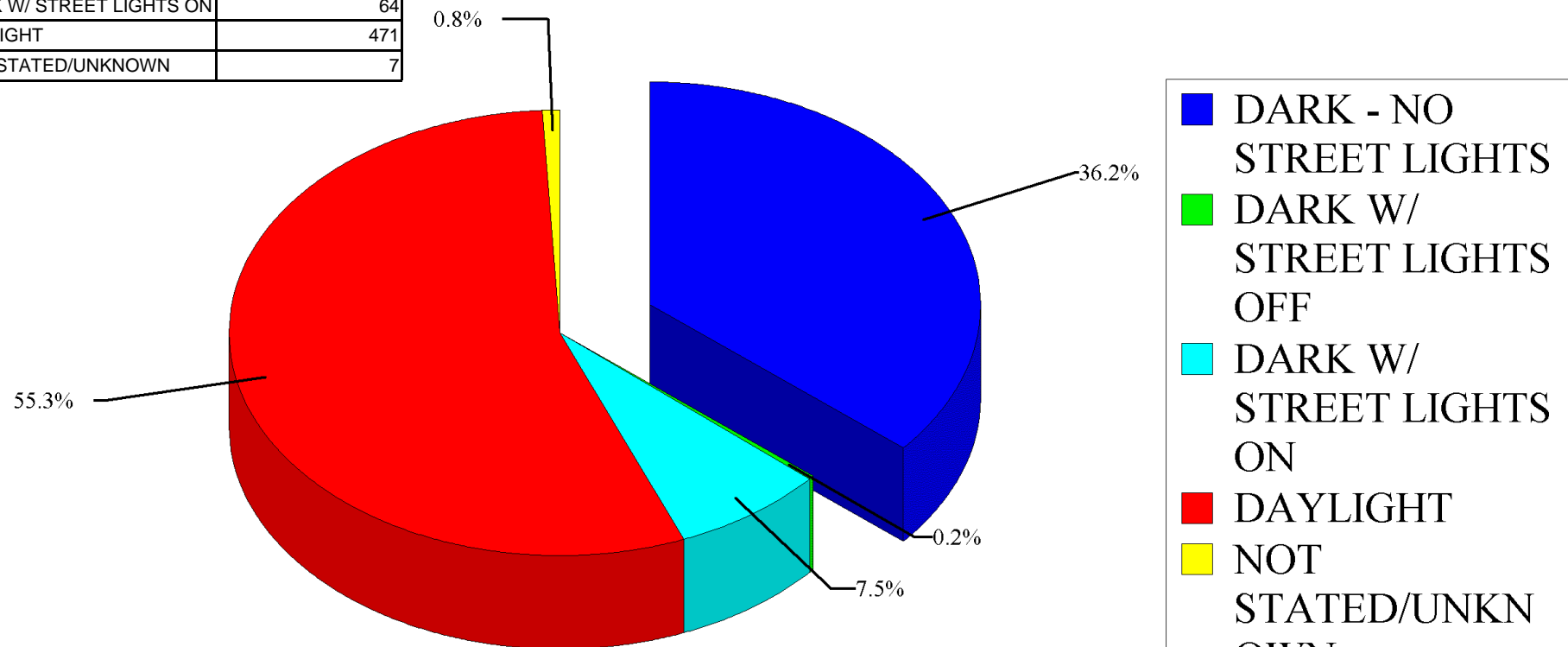


Missouri Department of Transportation
Transportation Planning

Date: 08/31/2006

2005 Fatal Accidents by Light Condition
852 Fatal Accidents

Light Condition	Total Fatal Accidents
DARK - NO STREET LIGHTS	308
DARK W/ STREET LIGHTS OFF	2
DARK W/ STREET LIGHTS ON	64
DAYLIGHT	471
NOT STATED/UNKNOWN	7



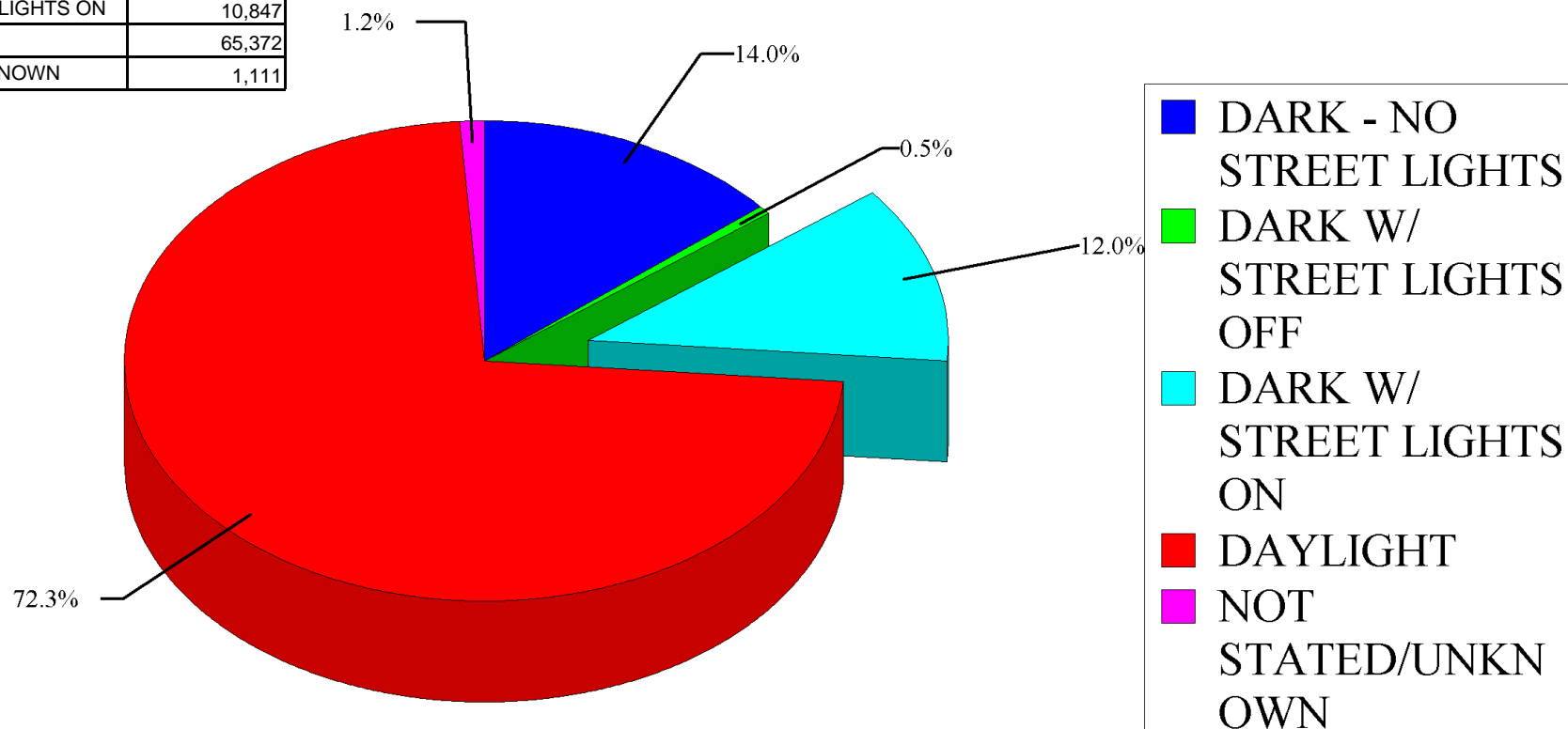


Missouri Department of Transportation
Transportation Planning
2005 Accidents by Light Condition

Date: 08/31/2006

90,420 Total Accidents

Light Condition	Total Accidents
DARK - NO STREET LIGHTS	12,630
DARK W/ STREET LIGHTS OFF	460
DARK W/ STREET LIGHTS ON	10,847
DAYLIGHT	65,372
NOT STATED/UNKNOWN	1,111



Chapter 1-K : ACCIDENTS BY FIXED OBJECT STRUCK

This section examines all accidents involving vehicle contact with a fixed object. In 2004, embankments and trees were struck most frequently as they were involved in 43.8% of the fatal fixed object accidents and 29.8% of all fixed object accidents.



**Missouri Department of Transportation
Transportation Planning
2005 Accidents by Fixed Object Struck**

Date: 08/31/2006

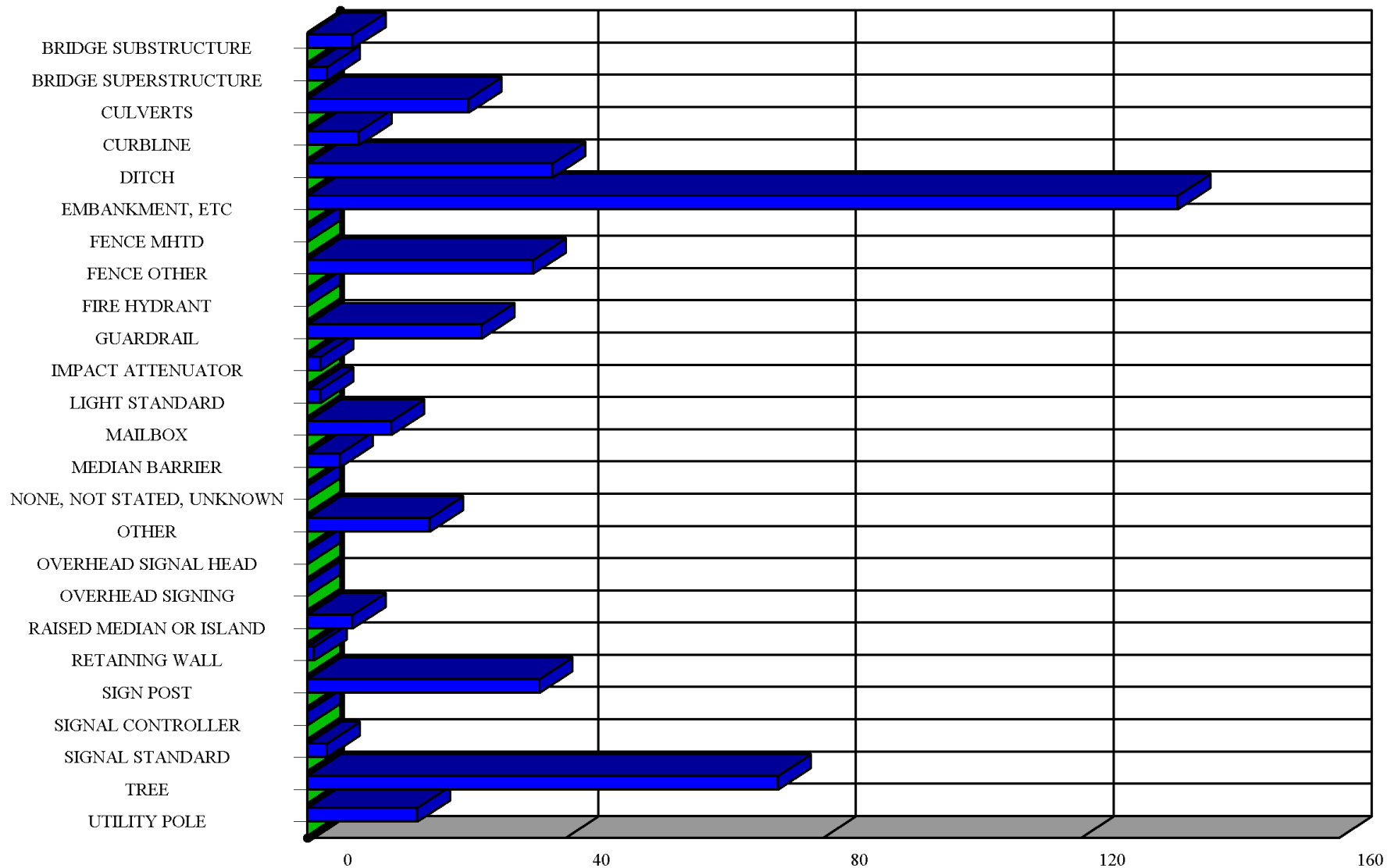
Fixed Object Struck	Fatal Accidents	Total Fatalities	Injury Accidents	Total Injuries	PDO Accidents	Total Accidents
BRIDGE SUBSTRUCTURE	7	8	82	104	131	220
BRIDGE SUPERSTRUCTURE	3	3	12	21	26	41
CULVERTS	25	31	336	452	340	701
CURBLINE	8	8	157	197	396	561
DITCH	38	39	1,098	1,432	1,390	2,526
EMBANKMENT, ETC	135	149	2,245	3,017	2,009	4,389
FENCE MHTD	0	0	0	0	0	0
FENCE OTHER	35	39	711	936	1,154	1,900
FIRE HYDRANT	0	0	6	6	27	33
GUARDRAIL	27	29	721	912	1,381	2,129
IMPACT ATTENUATOR	2	2	22	29	53	77
LIGHT STANDARD	2	3	65	131	131	198
MAILBOX	13	13	174	220	291	478
MEDIAN BARRIER	5	5	405	521	988	1,398
NONE, NOT STATED, UNKNOWN	0	0	0	0	0	0
OTHER	19	21	390	492	755	1,164
OVERHEAD SIGNAL HEAD	0	0	0	0	0	0
OVERHEAD SIGNING	0	0	8	10	16	24
RAISED MEDIAN OR ISLAND	7	7	432	573	759	1,198
RETAINING WALL	1	1	61	71	102	164
SIGN POST	36	36	607	791	1,343	1,986
SIGNAL CONTROLLER	0	0	0	0	0	0
SIGNAL STANDARD	3	3	43	51	118	164
TREE	73	81	1,180	1,546	951	2,204
UTILITY POLE	17	19	390	495	480	887
Totals	456	497	9,145	12,007	12,841	22,442



Missouri Department of Transportation
Transportation Planning
Fatal Accidents by Fixed Object Struck

Date: 08/31/2006

456 Fatal Accidents

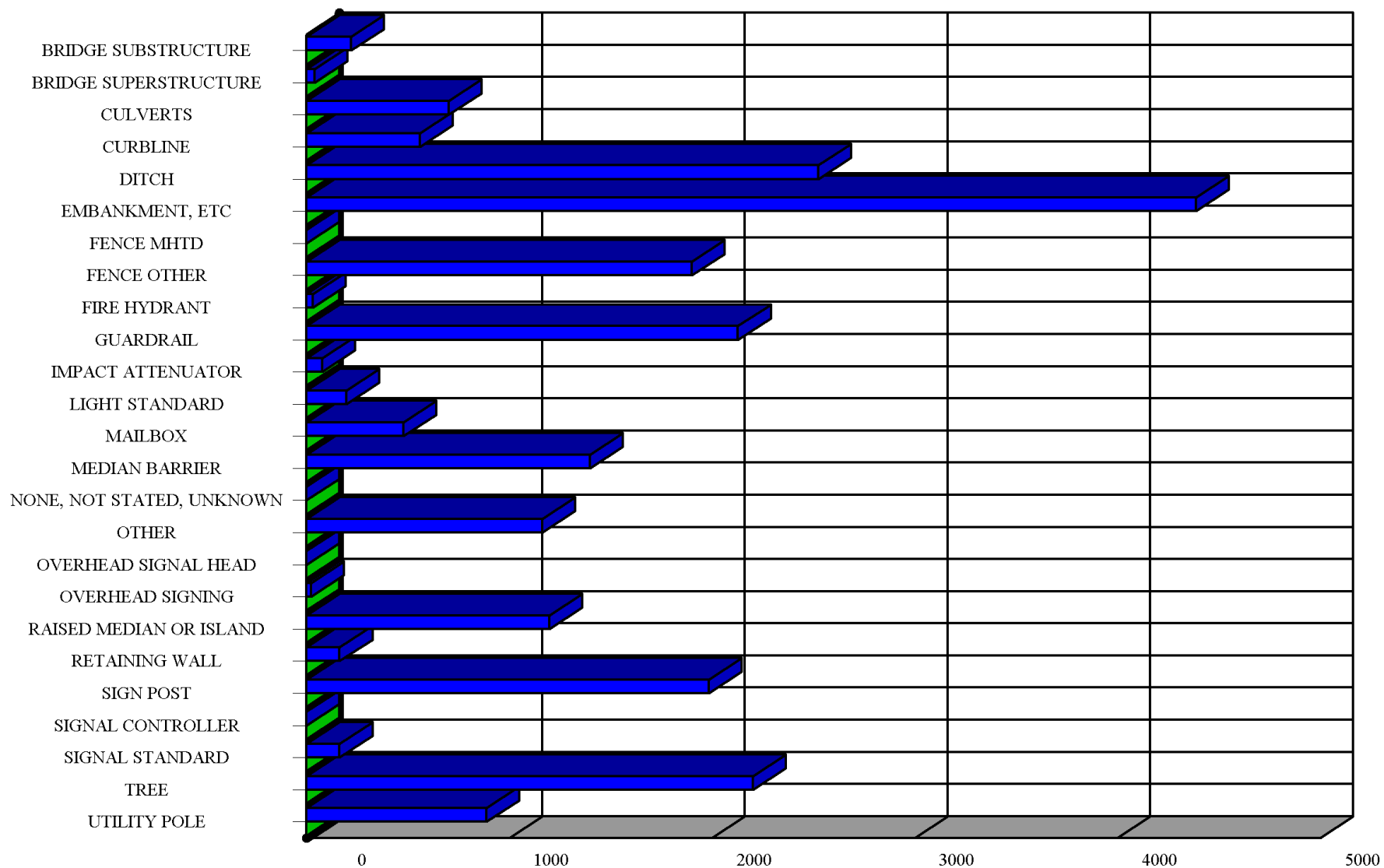




Missouri Department of Transportation
Transportation Planning
Total Accidents by Fixed Object Struck

Date: 08/31/2006

22442 Total Accidents



Chapter 1-L : ACCIDENTS BY INTERSECTION TYPE

In 2004, 40.8% of the total accidents occurring on the Missouri Highway System were at intersections with public roads or streets. These accidents resulted in 22.2% of the total fatal accidents. Interchanges represented 18.2% of the total accidents and 6.5% of fatal accidents.



**Missouri Department of Transportation
Transportation Planning
2005 Accidents by Intersection Type**

Date: 08/31/2006

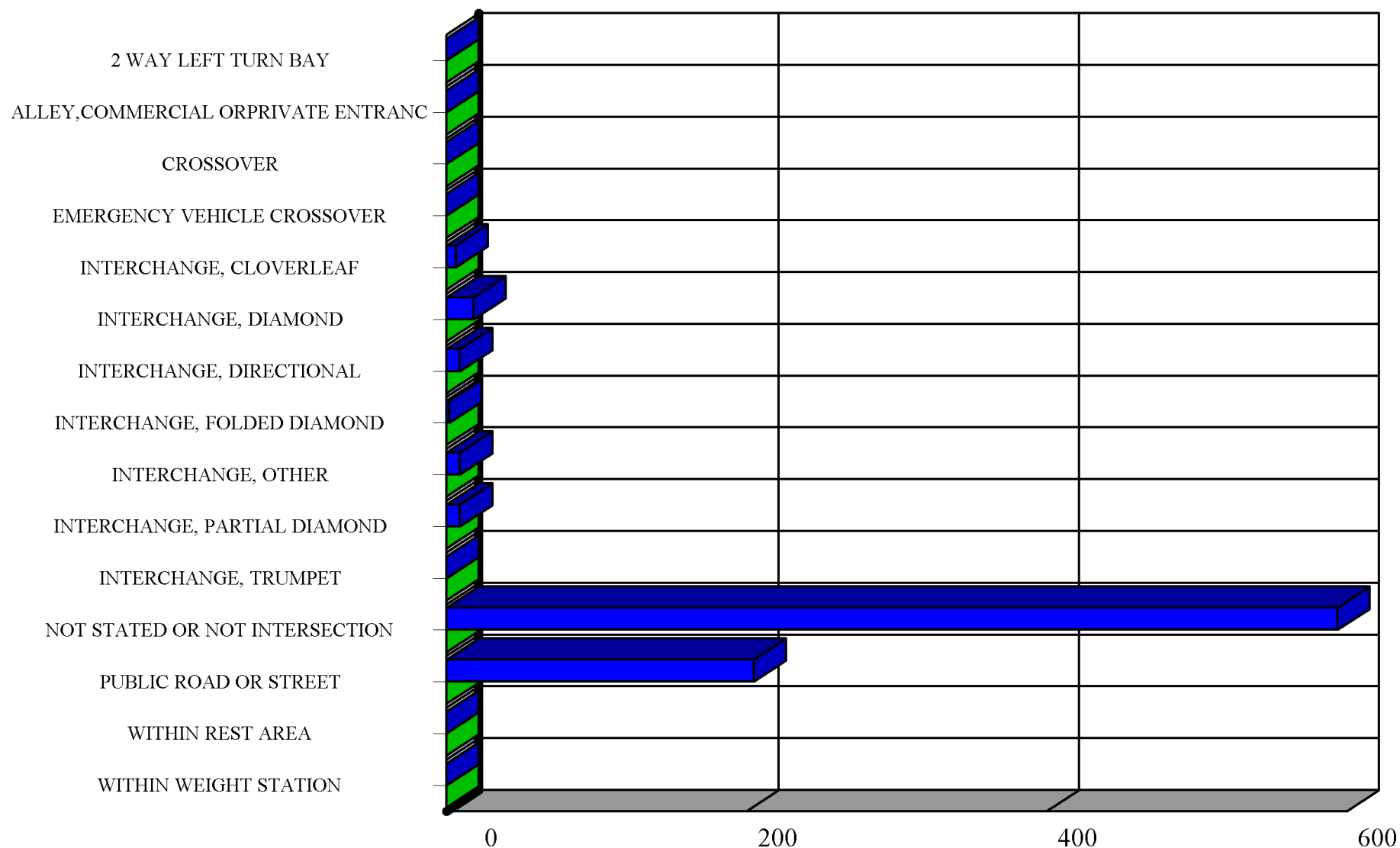
Intersection Type	Fatal Accidents	Total Fatalities	Injury Accidents	Total Injuries	PDO Accidents	Total Accidents
2 WAY LEFT TURN BAY	0	0	0	0	0	0
ALLEY, COMMERCIAL OR PRIVATE ENTRANCE	0	0	227	329	653	880
CROSSOVER	0	0	0	0	0	0
EMERGENCY VEHICLE CROSSOVER	0	0	0	0	0	0
INTERCHANGE, CLOVERLEAF	6	7	373	506	1,204	1,583
INTERCHANGE, DIAMOND	18	18	1,847	2,678	6,155	8,020
INTERCHANGE, DIRECTIONAL	9	11	443	630	1,310	1,762
INTERCHANGE, FOLDED DIAMOND	2	2	93	118	225	320
INTERCHANGE, OTHER	9	9	335	503	1,091	1,435
INTERCHANGE, PARTIAL DIAMOND	9	9	567	814	1,708	2,284
INTERCHANGE, TRUMPET	0	0	41	59	117	158
NOT STATED OR NOT INTERSECTION	594	688	11,466	17,187	23,345	35,405
PUBLIC ROAD OR STREET	205	229	10,232	15,925	28,125	38,562
WITHIN REST AREA	0	0	0	0	7	7
WITHIN WEIGHT STATION	0	0	1	1	3	4
Totals	852	973	25,625	38,750	63,943	90,420



Missouri Department of Transportation
Transportation Planning
Fatal Accidents by Intersection Type

Date: 08/31/2006

852 Fatal Accidents

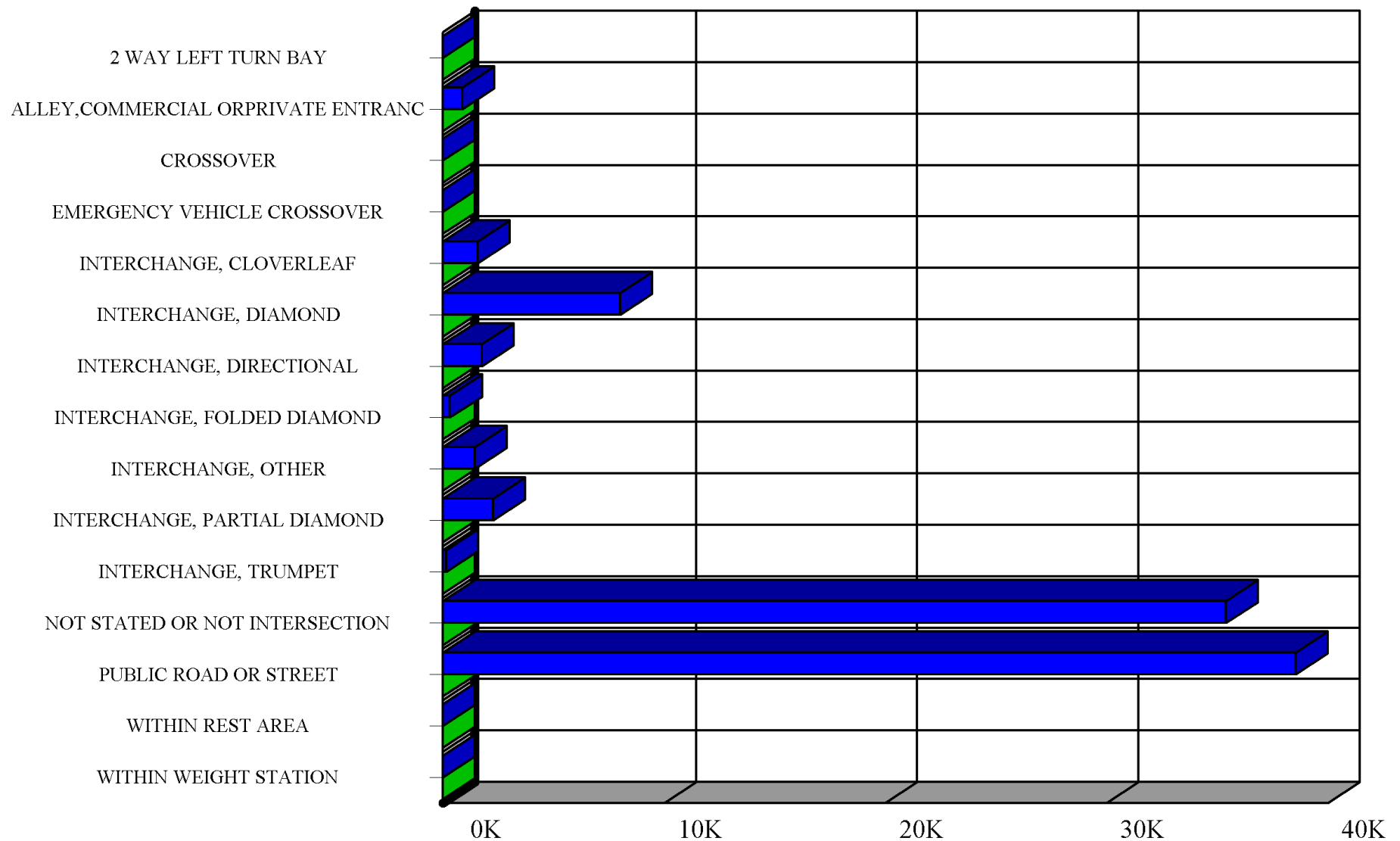




Missouri Department of Transportation
Transportation Planning
Total Accidents by Intersection Type

Date: 08/31/2006

90420 Total Accidents



Chapter 1-M : ACCIDENTS INVOLVING PEDESTRIANS

Pedestrian fatalities increased 20% in 2004 compared to 2003.

64.6% of pedestrian fatalities and 49.3% of pedestrian injuries occurred during the hours of darkness in 2004.

The age span of 15-24 years accounted for 23.0% of the pedestrian injuries during 2004.

The age span of 15-24 years accounted for 16.7% of the pedestrian fatalities during 2004. The age span of 35-44 years accounted for 22.9% of the pedestrian fatalities during 2004.



Missouri Department of Transportation Transportation Planning

Date: 08/31/2006

2005 Accidents by Pedestrian Maneuver by Age

Pedestrian Maneuver	0-4 Fatal	0-4 Injury	5-9 Fatal	5-9 Injury	10-14 Fatal	10-14 Injury	15-24 Fatal	15-24 Injury	25-34 Fatal	25-34 Injury	35-44 Fatal	35-44 Injury	45-54 Fatal	45-54 Injury	55-64 Fatal	55-64 Injury	65-74 Fatal	65-74 Injury	75 & Up Fatal	75 & Up Injury	Not Stated Fatal	Not Stated Injury	Totals
BEHIND PARKED CAR	0	1	0	2	0	2	2	3	2	7	3	3	0	4	1	1	0	1	0	1	0	0	33
CROSSWALK MARKED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GETTING ON/OFF VEHICLE	0	0	0	0	0	0	2	2	0	1	0	3	0	1	0	0	0	0	0	0	0	0	9
NOT STATED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NOT STATED/UNKNWN/NO PEDS	0	0	0	5	0	0	1	5	0	7	0	5	0	3	0	1	0	0	0	1	0	0	28
OFF ROADWAY	0	0	0	0	0	0	0	5	0	5	0	3	1	1	0	3	0	2	0	1	0	0	21
OTHER IN ROAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OTHER WORKING	0	0	0	0	0	0	1	2	0	1	0	3	1	3	0	1	0	0	0	0	0	0	12
PLAYING IN ROAD	1	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
PUSHING/WORKING ON VEHICLE	0	0	0	0	0	0	0	3	0	3	0	2	0	1	0	1	0	1	0	1	0	0	12
SIGNAL MOVEMENT	0	0	0	8	1	11	2	34	3	18	9	23	2	21	1	9	3	7	4	10	0	0	166
STANDING IN ROAD	0	0	0	0	0	0	4	3	2	6	6	3	3	10	1	0	0	0	0	1	0	0	39
WALKING AGAINST TRAFFIC	0	1	0	1	0	0	1	5	0	6	1	3	2	5	1	1	0	1	0	3	0	0	31
WALKING WITH TRAFFIC	0	0	0	1	0	0	3	6	0	5	2	5	2	8	0	1	0	0	0	1	0	0	34
WITHIN CROSSWALK	0	0	0	0	0	1	0	3	0	0	0	1	0	1	0	0	0	1	0	0	0	0	7
WITHIN MARKED CROSSWALK	0	1	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	4
Totals	1	3	0	19	1	15	16	72	7	60	21	54	11	59	4	18	3	13	4	19	0	0	400



**Missouri Department of Transportation
Transportation Planning**

Date: 08/31/2006

2005 Accidents by Pedestrian Maneuver by Light Condition

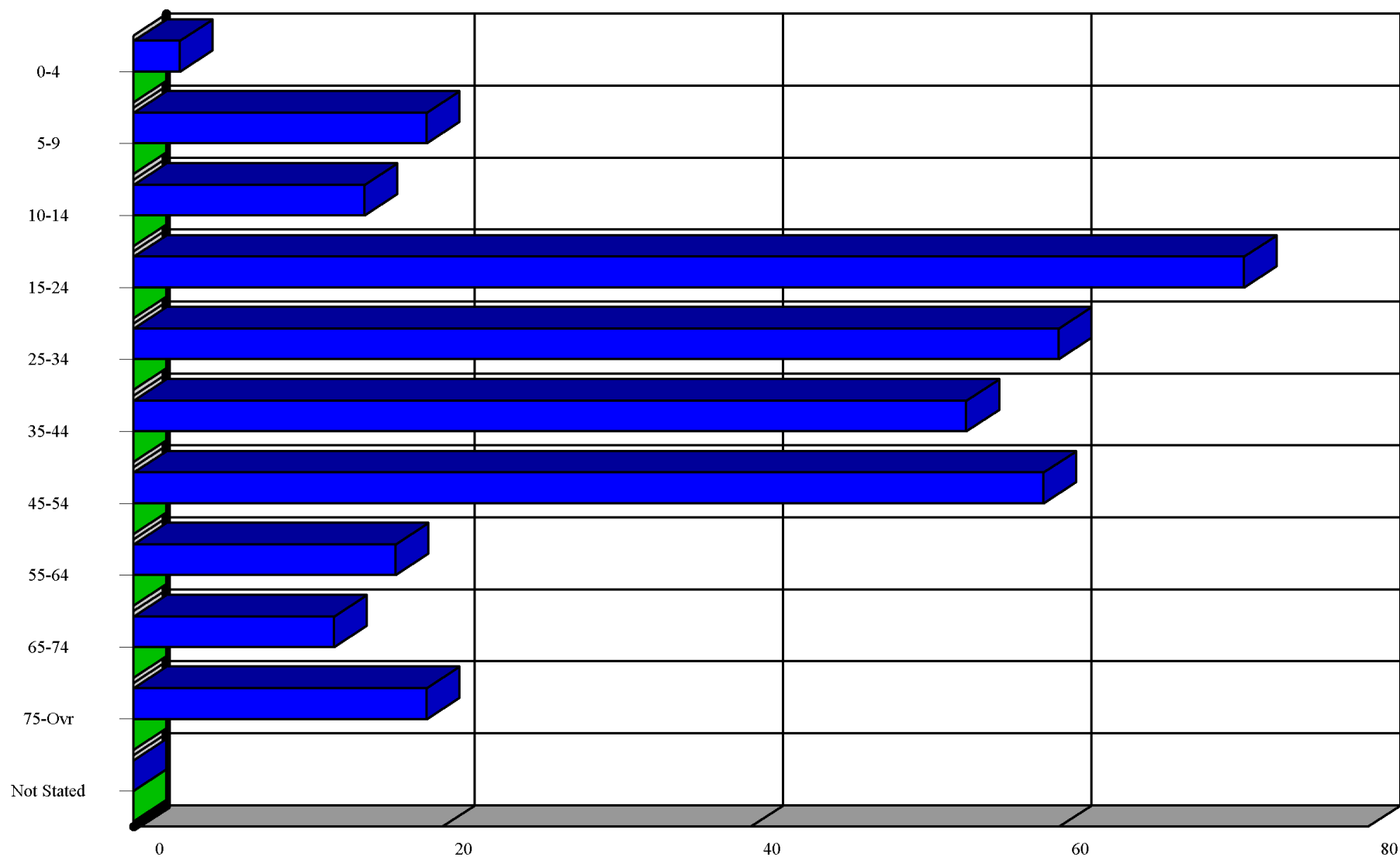
PEDESTRIAN MANEUVER	DARK		LIGHT		UNKNOWN	
	Total Fatalities	Total Injuries	Total Fatalities	Total Injuries	Total Fatalities	Total Injuries
BEHIND PARKED CAR	3	7	5	17	0	1
CROSSWALK MARKED	0	0	0	0	0	0
GETTING ON/OFF VEHICLE	2	3	0	4	0	0
NOT STATED/UNKNWN/NO PEDS	1	5	0	20	0	2
OFF ROADWAY	1	5	0	15	0	0
OTHER IN ROAD	0	0	0	0	0	0
OTHER WORKING	0	2	2	8	0	0
PLAYING IN ROAD	0	0	0	3	1	0
PUSHING/WORKING ON VEHICLE	0	5	0	7	0	0
SIGNAL MOVEMENT	19	69	6	70	0	2
STANDING IN ROAD	13	13	3	10	0	0
WALKING AGAINST TRAFFIC	3	16	2	10	0	0
WALKING WITH TRAFFIC	6	16	1	11	0	0
WITHIN CROSSWALK	0	0	0	6	0	1
WITHIN MARKED CROSSWALK	0	1	0	3	0	0
TOTALS	48	142	19	184	1	6



Missouri Department of Transportation Transportation Planning

Date: 08/31/2006

Injury Pedestrian Accidents by Age 331 Pedestrian Injuries

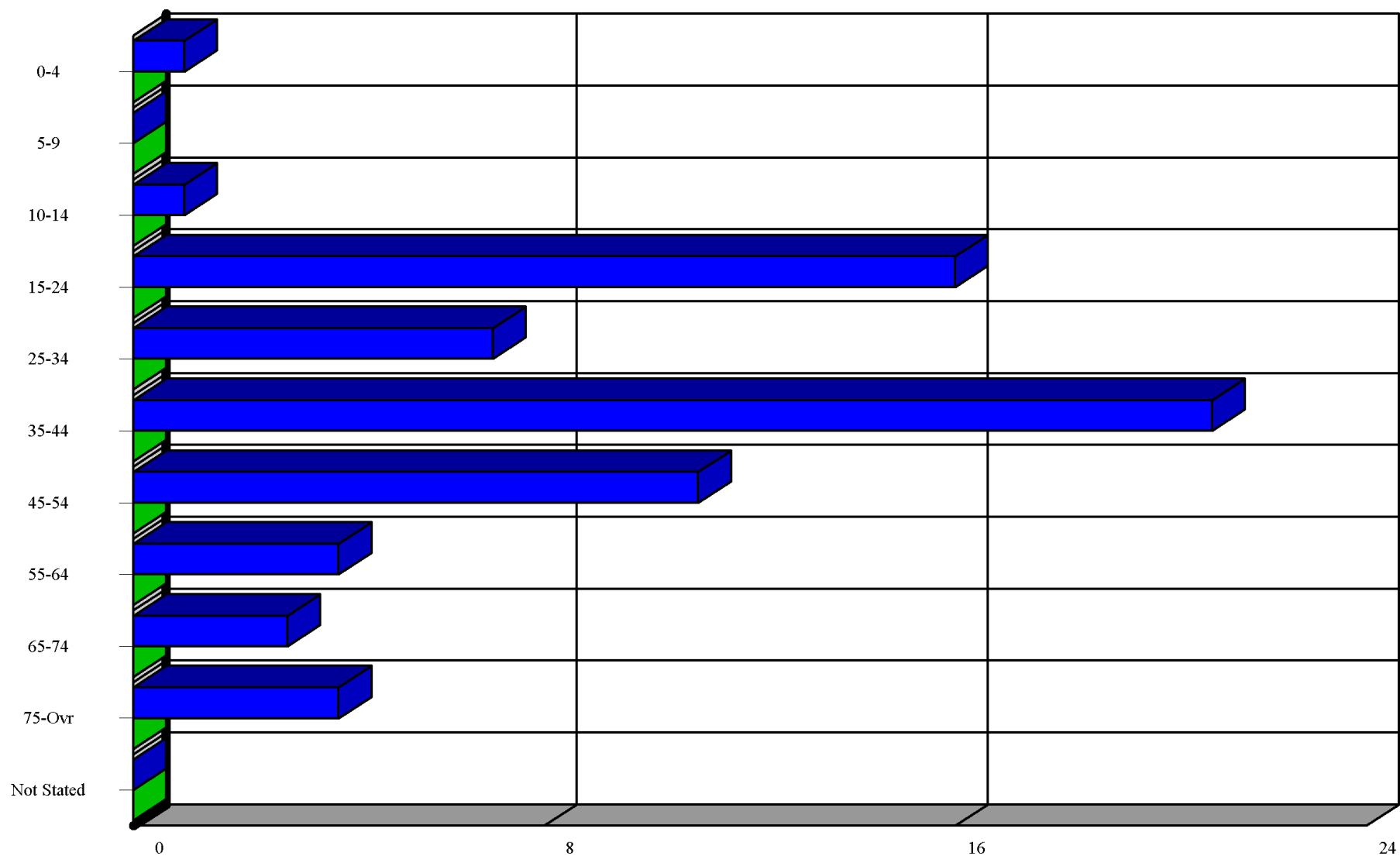




Missouri Department of Transportation Transportation Planning

Date: 08/31/2006

Fatal Pedestrian Accidents by Age 68 Pedestrian Fatalities

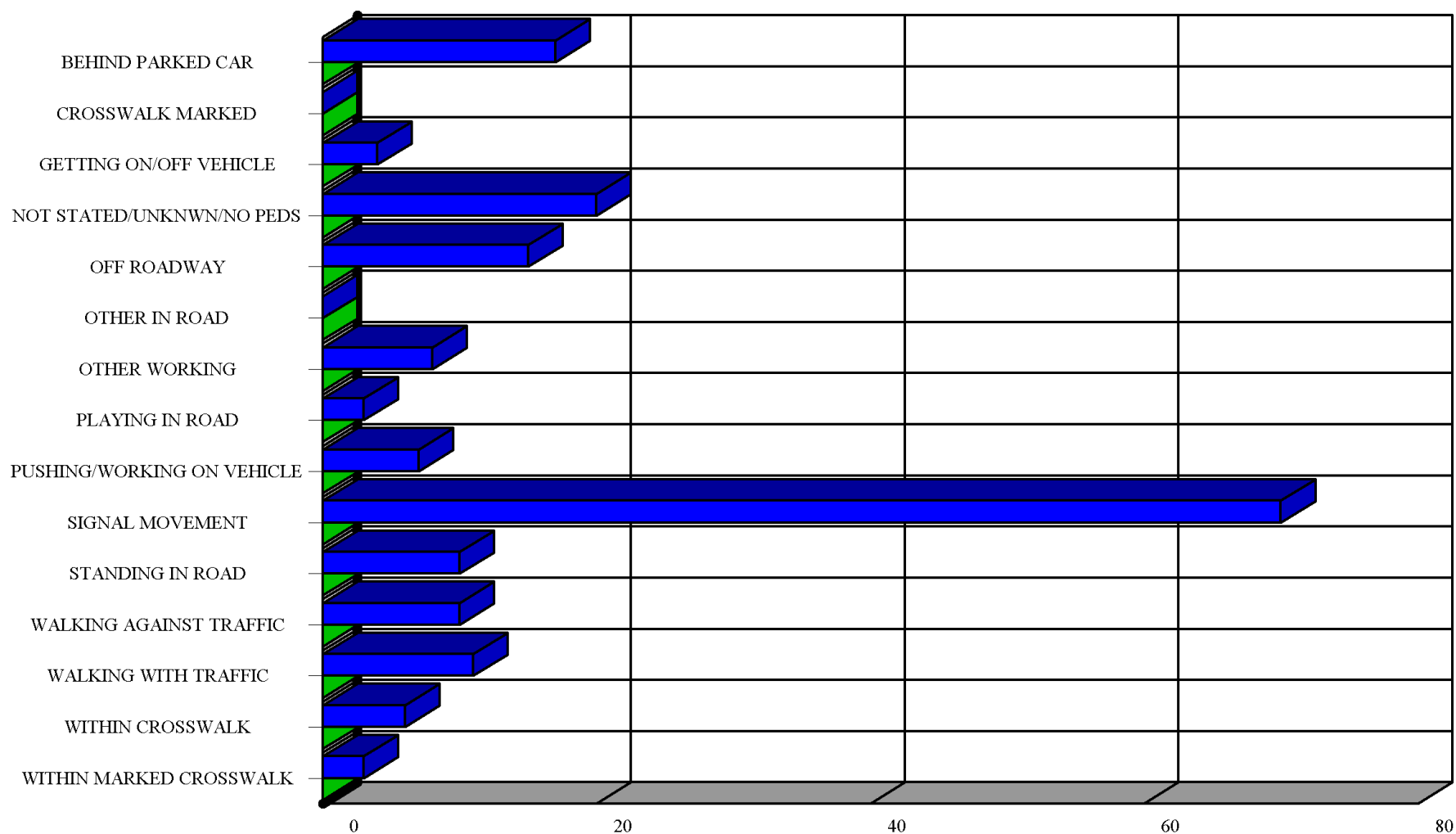




Missouri Department of Transportation
Transportation Planning

Date: 08/31/2006

Accidents by Pedestrian Maneuver by Light Condition
184 Injuries in Day Condition

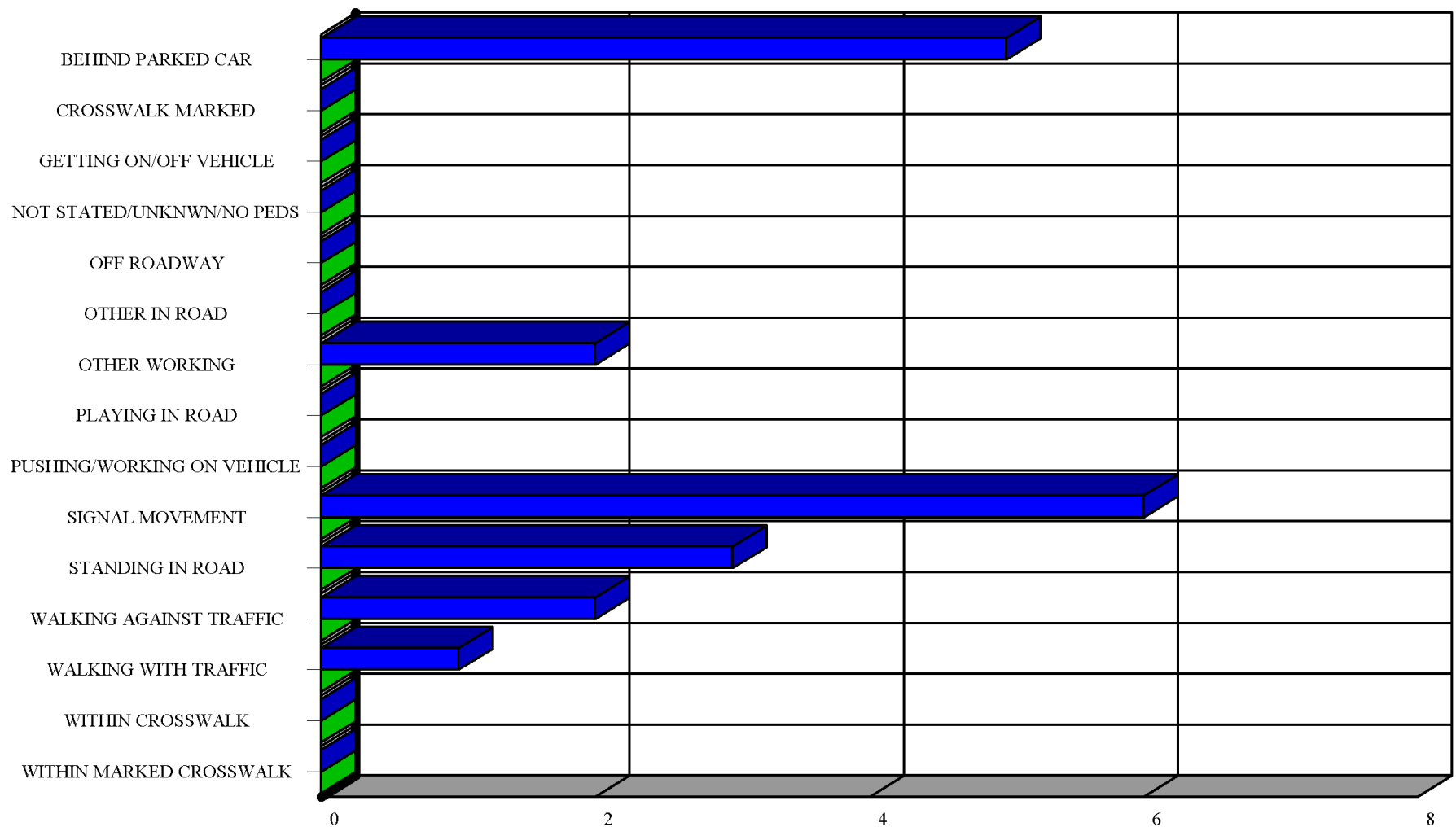




Missouri Department of Transportation
Transportation Planning

Date: 08/31/2006

Accidents by Pedestrian Maneuver by Light Condition
19 Fatalities in Day Condition

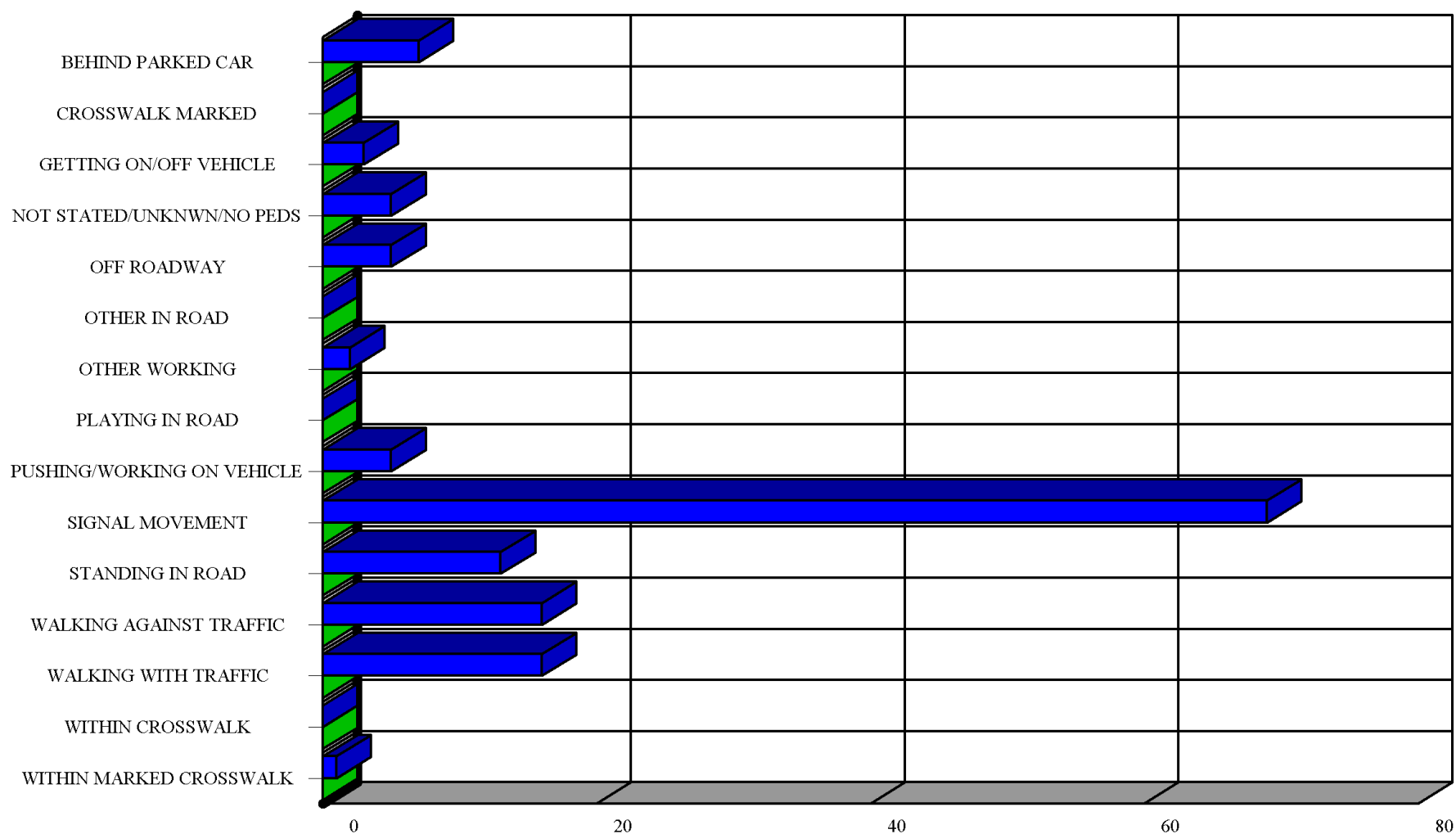




Missouri Department of Transportation
Transportation Planning

Date: 08/31/2006

Accidents by Pedestrian Maneuver by Light Condition
142 Injuries in Dark Condition

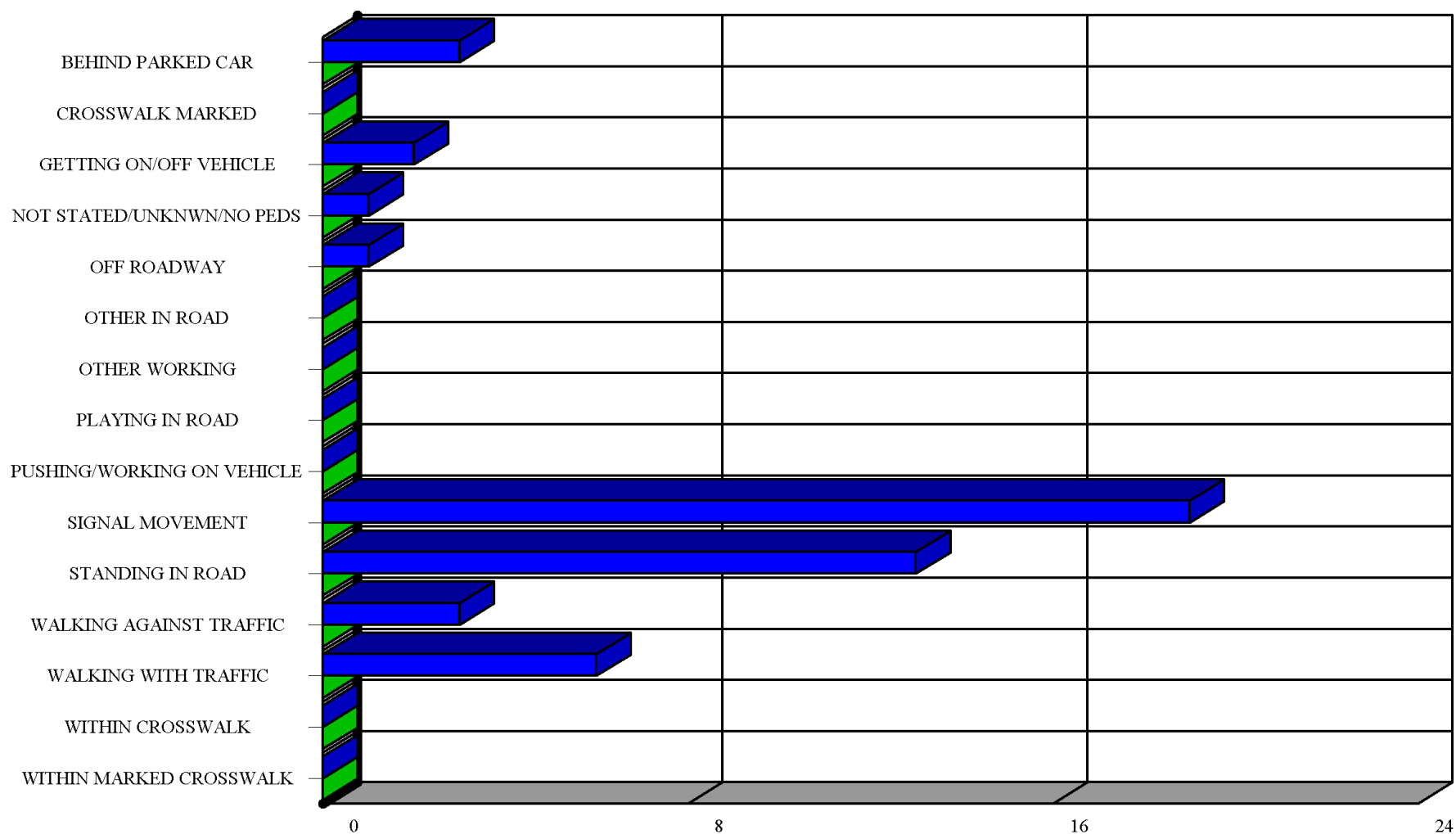




Missouri Department of Transportation
Transportation Planning

Date: 08/31/2006

Accidents by Pedestrian Maneuver by Light Condition
48 Fatalities in Dark Condition



Chapter 1-N : ACCIDENTS BY INVESTIGATOR

Of the 91,201 accidents occurring on the State Highway System of Missouri in 2004, 35.4% were investigated by the State Highway Patrol and 64.4% were investigated by local agencies.

Of the 744 fatal accidents that occurred in 2004, 81.1% were investigated by the State Highway Patrol and 18.9% were investigated by local agencies.



**Missouri Department of Transportation
Transportation Planning
2005 Accidents by Investigator**

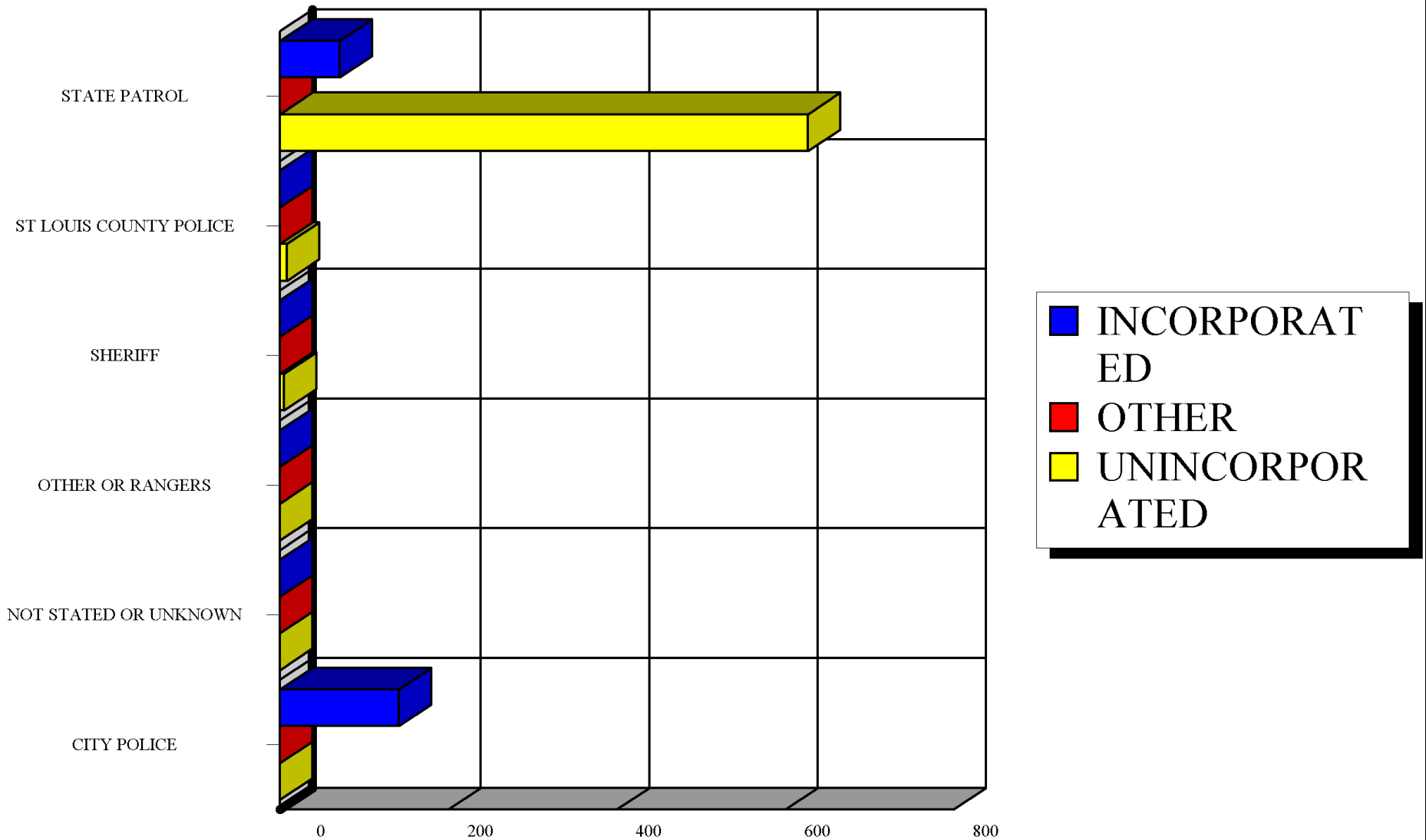
Date: 08/31/2006

INVESTIGATOR	Fatal Accidents	Total Fatalities	Injury Accidents	Total Injuries	PDO Accidents	Total Accidents
UNINCORPORATED						
UNINCORPORATED SHERIFF	5	5	577	785	1,529	2,111
UNINCORPORATED ST LOUIS COUNTY POLICE	8	9	872	1,302	2,741	3,621
UNINCORPORATED STATE PATROL	627	724	9,958	15,573	17,053	27,638
INCORPORATED						
INCORPORATED CITY POLICE	141	151	12,960	19,192	38,975	52,076
INCORPORATED SHERIFF	0	0	68	97	233	301
INCORPORATED ST LOUIS COUNTY POLICE	0	0	186	278	546	732
INCORPORATED STATE PATROL	71	84	970	1,476	2,739	3,780
RANGER						
OTHER OR RANGERS	0	0	34	47	126	160
NOT STATED						
NOT STATED OR UNKNOWN	0	0	0	0	1	1
Totals	852	973	25,625	38,750	63,943	90,420



Missouri Department of Transportation
Transportation Planning
2005 Fatal Accidents by Investigator
852 Fatal Accidents

Date: 08/31/2006





Missouri Department of Transportation
Transportation Planning

Date: 08/31/2006

2005 Accidents by Investigator
90,420 Total Accidents

